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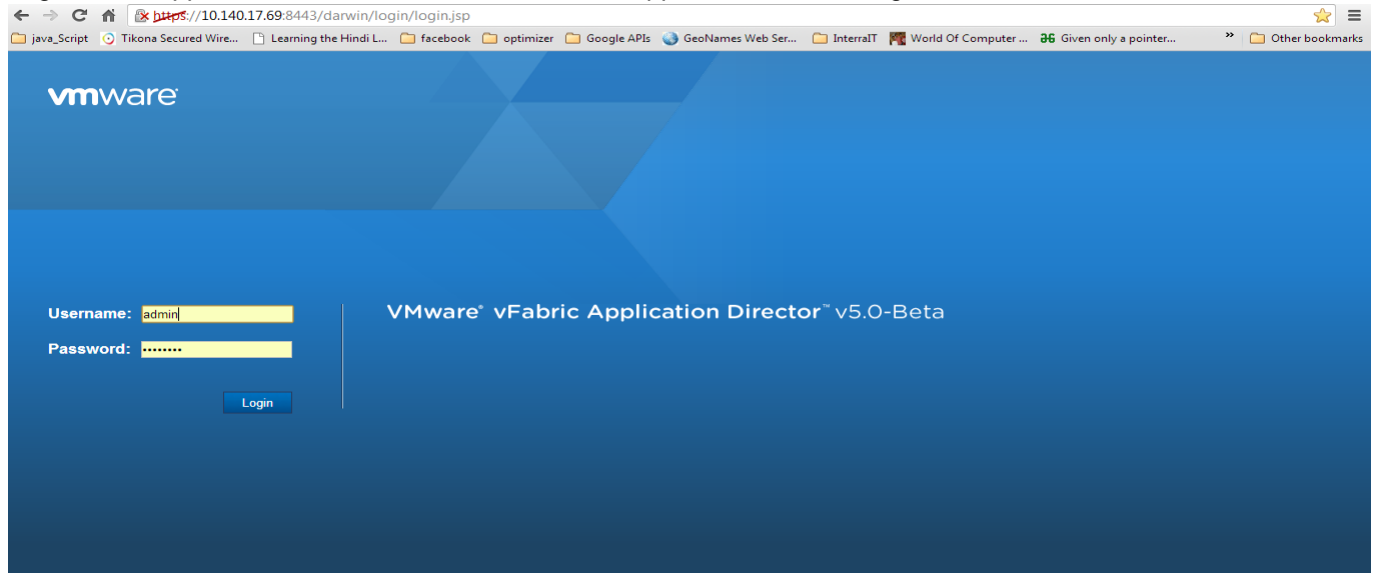
## Create Microsoft SharePoint 2010 application

### Prerequisites

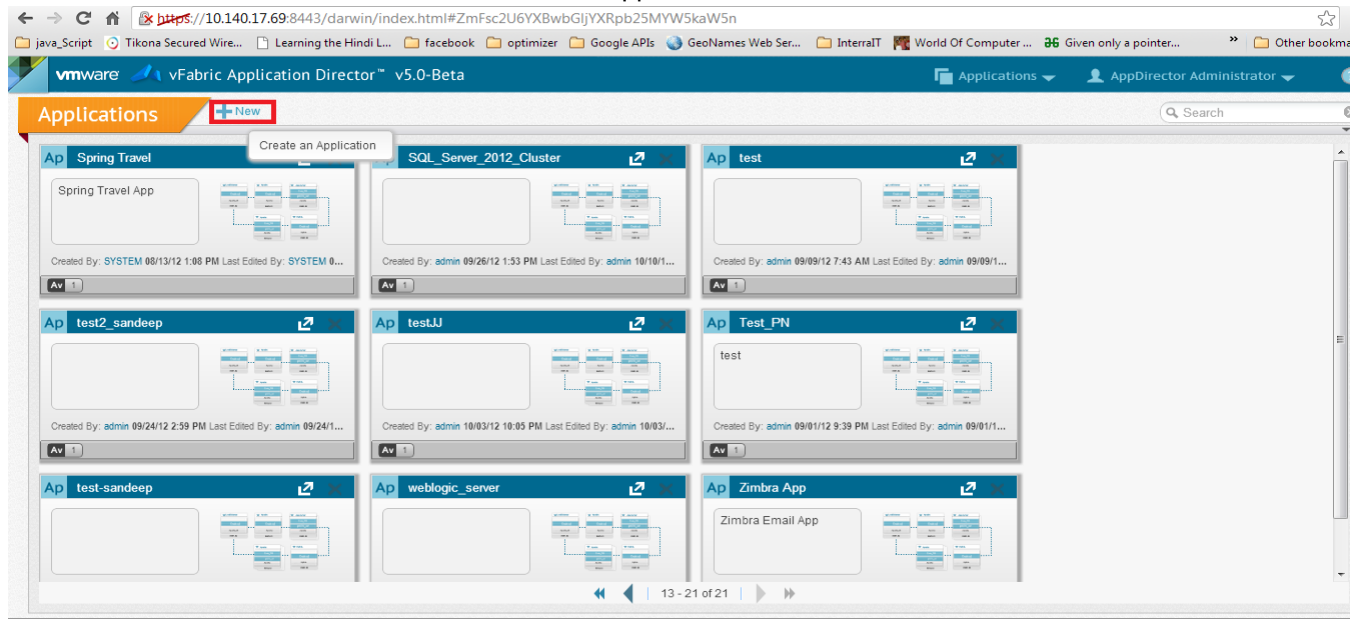
1. Install and configure VMware vFabric Application Director with vCloud Director.
2. Add **Microsoft\_Sharepoint\_2010** as a service in the Application Director Catalog.

### Method – 1: From Application Director instance

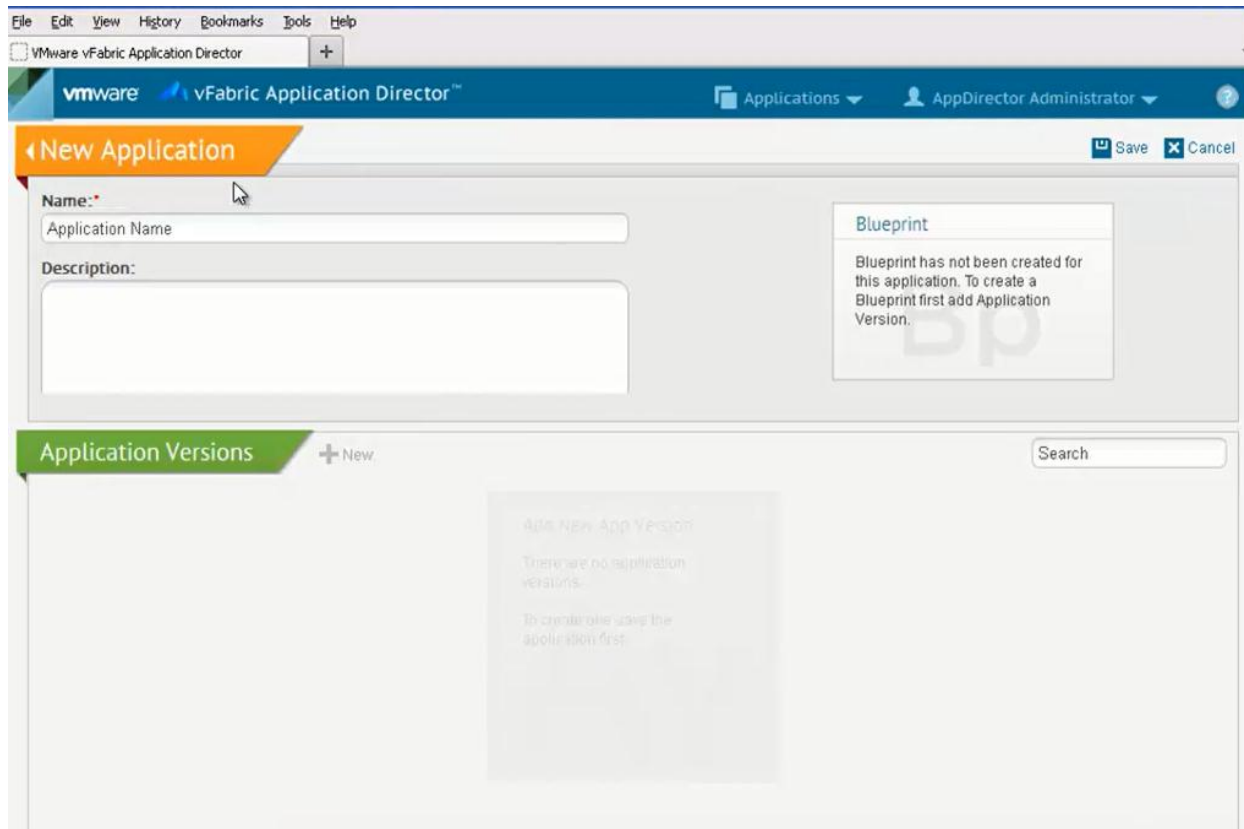
1. Login to the Application Director with a user that has application architect rights.



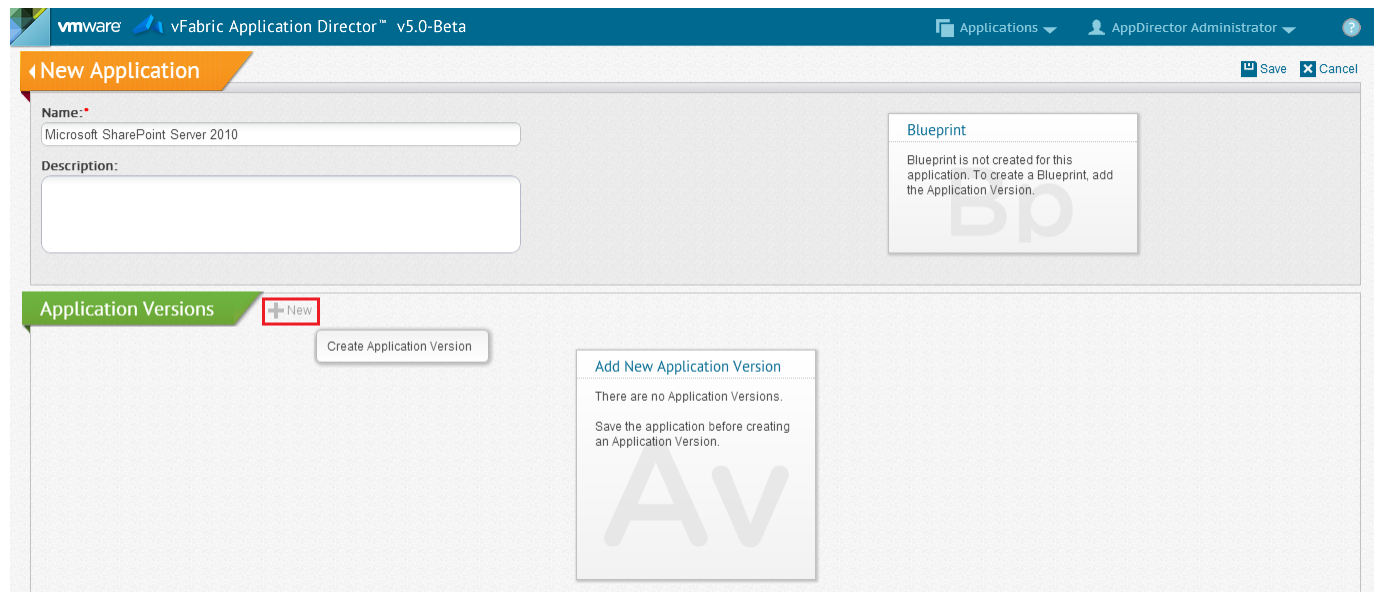
2. Now click on the “New” Link as shown to create new application for SharePoint server.



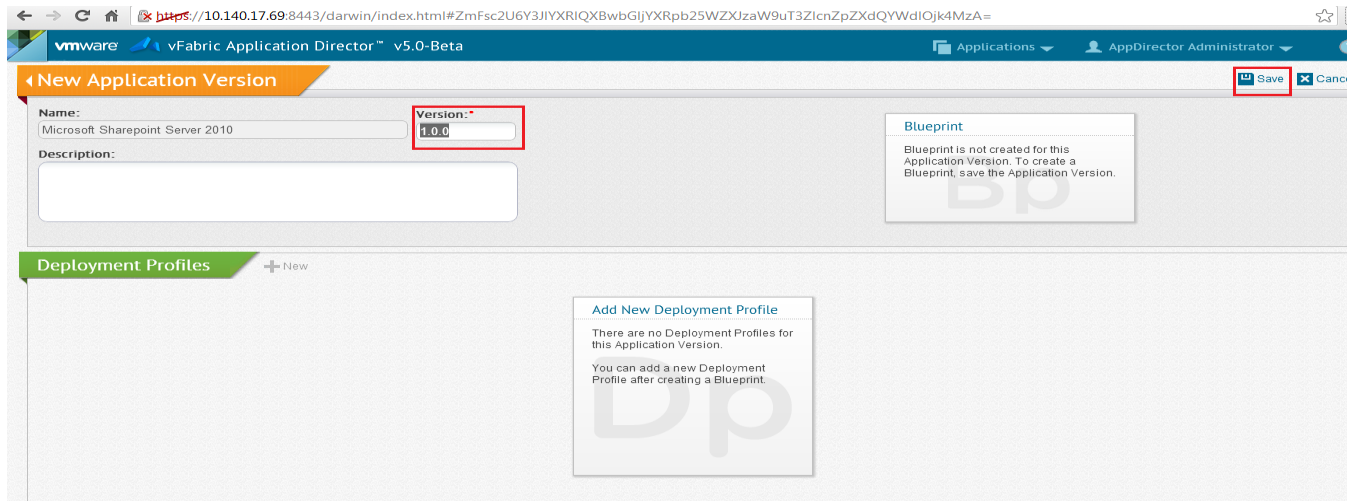
3. Type “Microsoft SharePoint Server 2010” in place of “Application Name” and then click the **save** icon



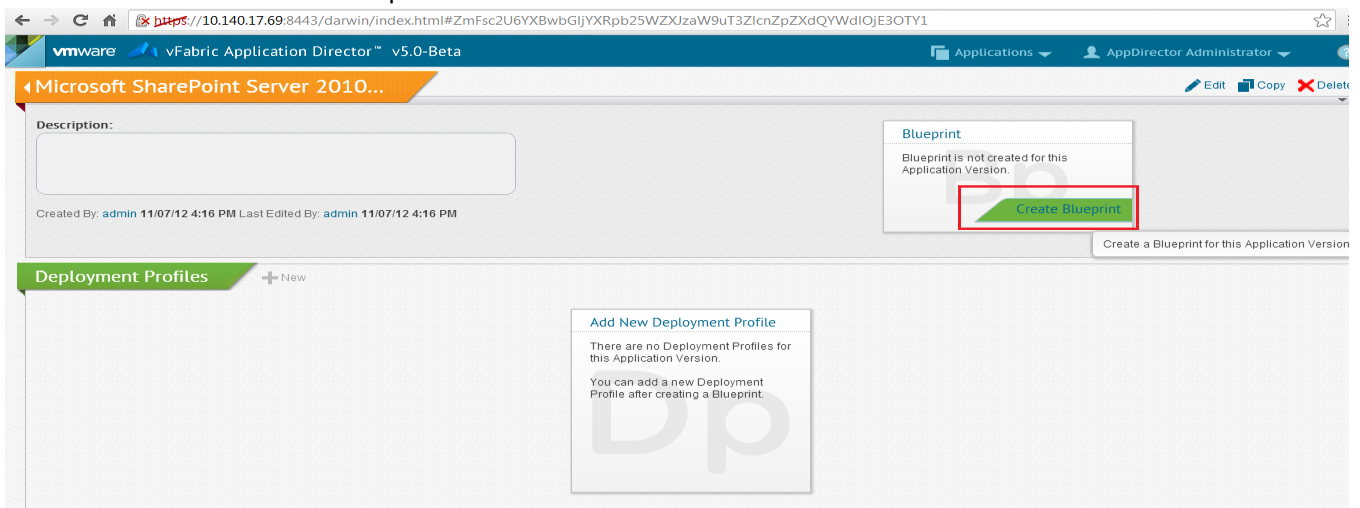
4. After Saving the application, Click on  besides the Application Versions to assign the app version as shown



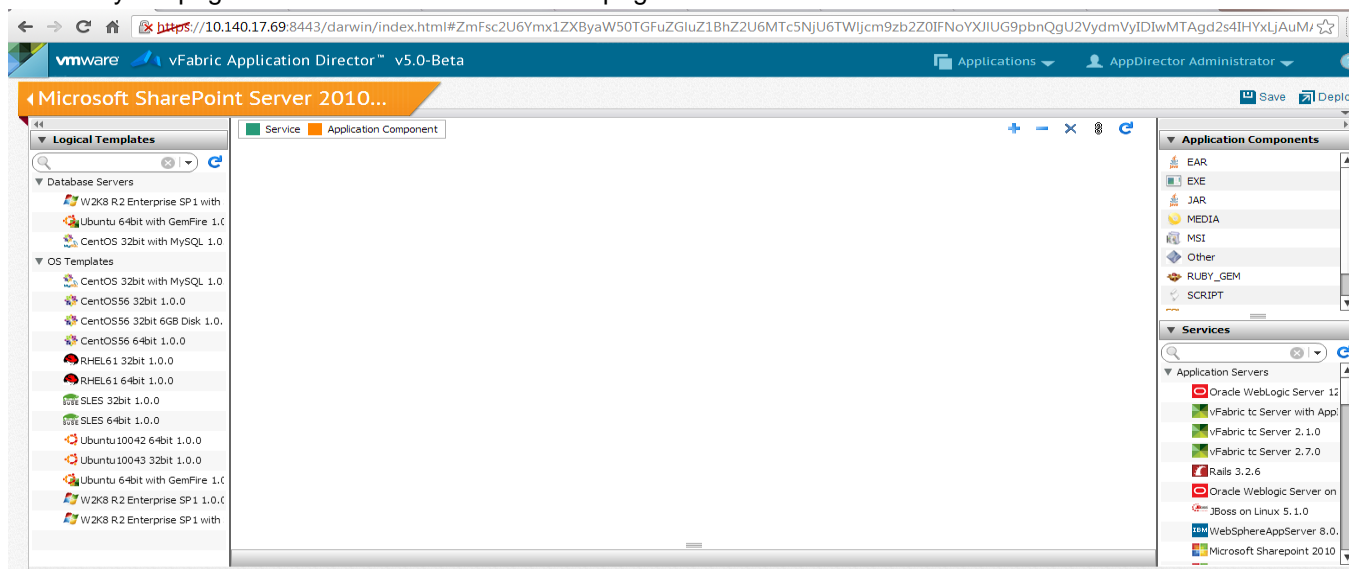
Type "1.0.0" in the text box below Version and save the application as shown below



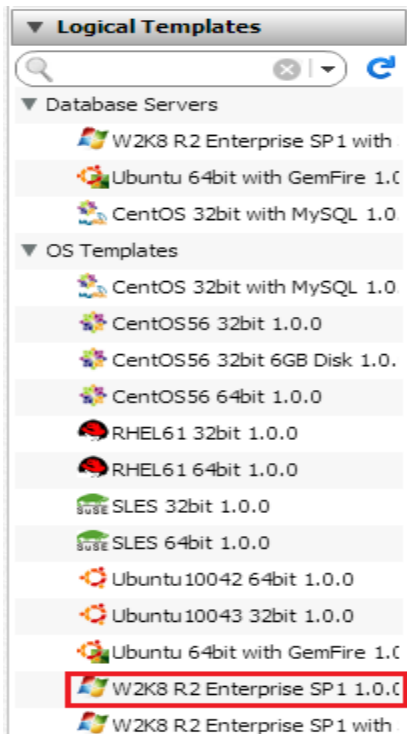
5. After that click on the “Create Blueprint” icon as shown



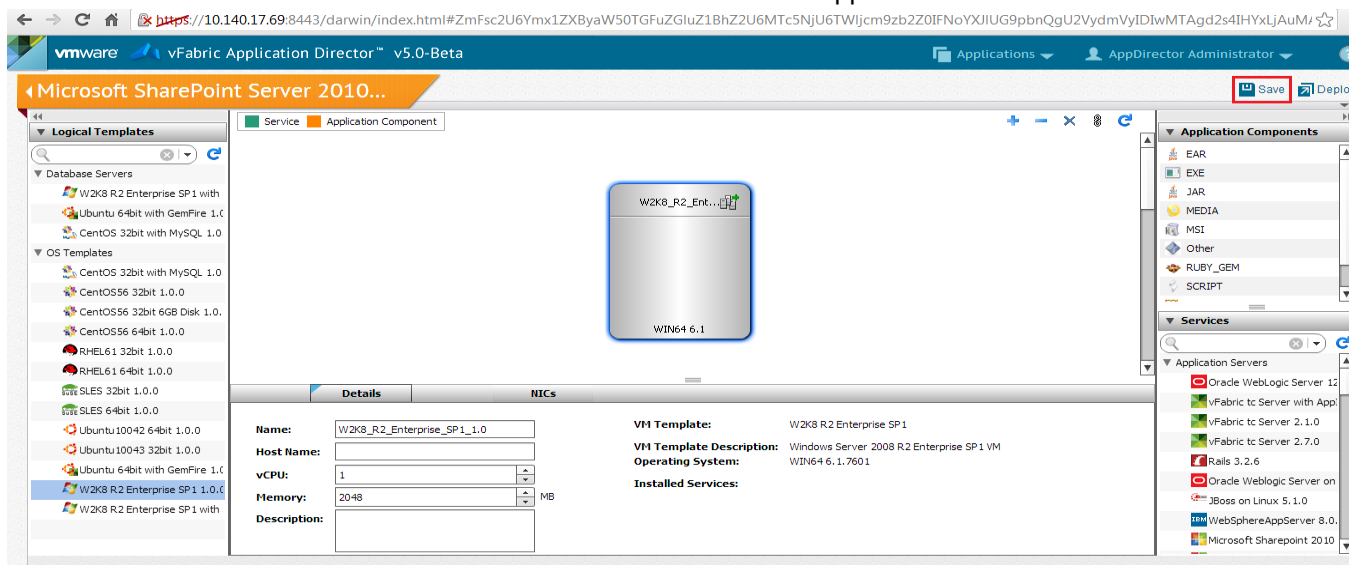
Immediately the page will be redirected to the below page



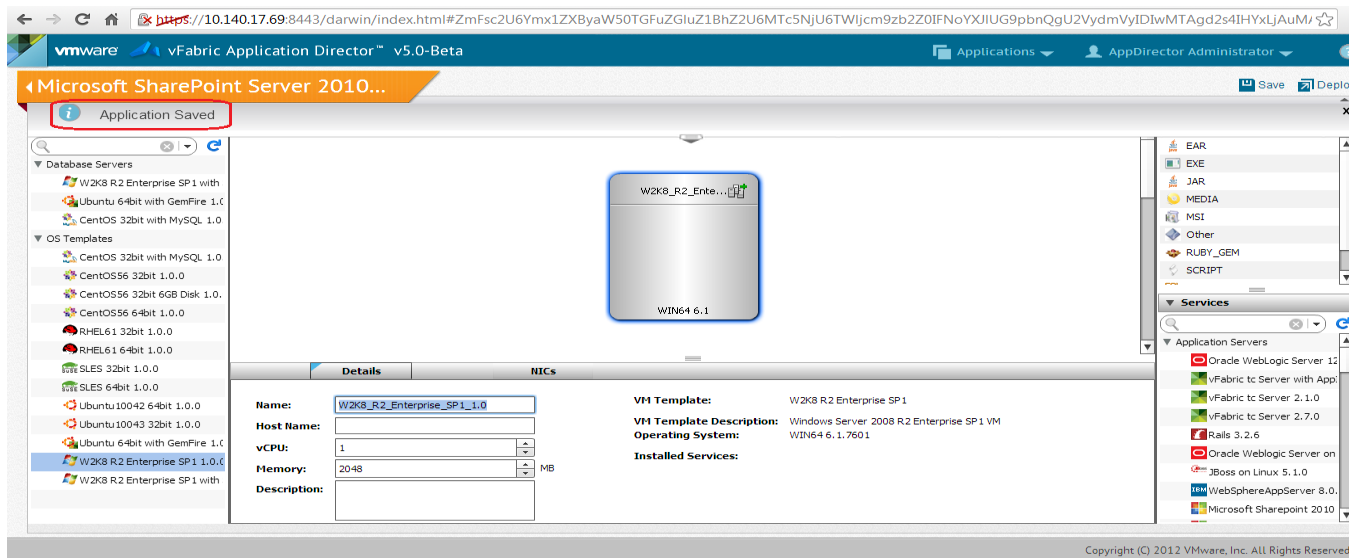
6. You will see **Logical Templates** on the bottom left.
7. Drag & drop the template of Windows flavor for example **W2K8 R2 Enterprise Edition SP1 1.0.0** in the central white canvas area. This template needs to have been uploaded and registered in the cloud provider.



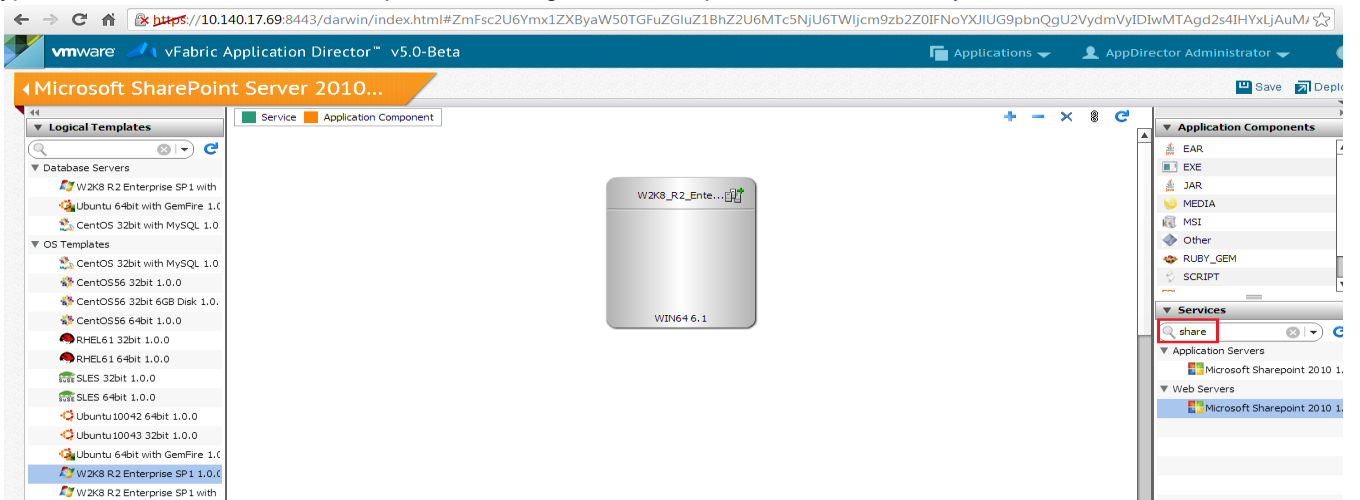
8. Now we will have a node in the canvas. Click on Save icon to save the application.



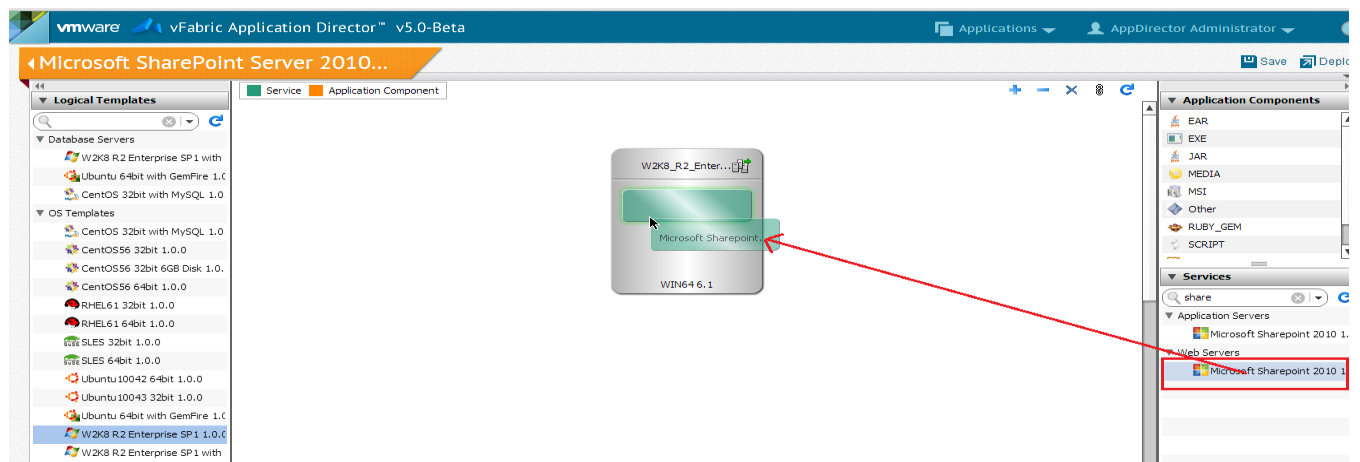
9. Application has been saved



10. Type “share” below the **Services** panel in the right side and press the “Enter” key as shown below



11. Drag and drop the service **Microsoft\_Sharepoint\_2010** into the OS template as shown below



12. Now click on the **Microsoft\_Sharepoint\_2010** service then Click the **Properties** Tab to display the properties

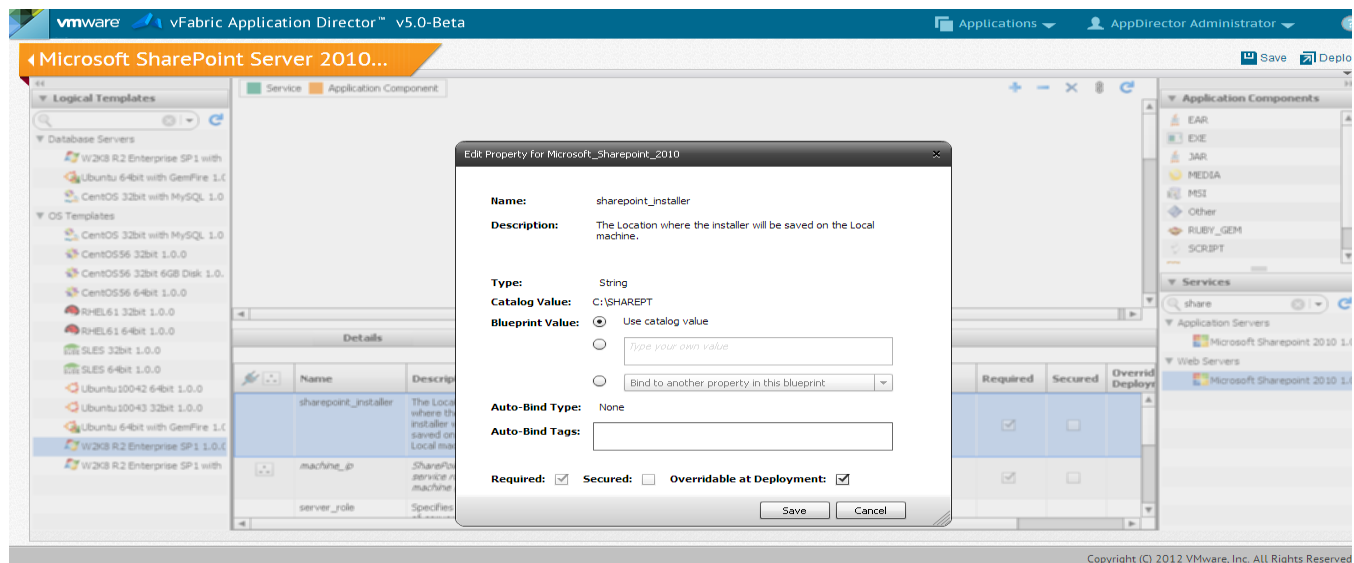
The screenshot shows the VMware vFabric Application Director v5.0-Beta interface. The main window displays the 'Microsoft SharePoint Server 2010...' service. The 'Properties' tab is selected, showing a table of properties. The 'sharepoint\_installer' property is highlighted with a red box. The 'Catalog Value' is 'C:\SHAREPT' and the 'Blueprint Value' is empty. The 'Required' checkbox is checked, and the 'Secured' checkbox is unchecked. The 'Override Deploy' checkbox is also unchecked.

Name	Description	Type	Catalog Value	Blueprint Value	Required	Secured	Override Deploy
sharepoint_installer	The Location where the installer will be saved on the Local machine.	String	C:\SHAREPT		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
machine_ip	SharePoint service running machine ip.	String		self:ip	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
server_role	Specifies the type of server role.	String	SINGLESERVER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

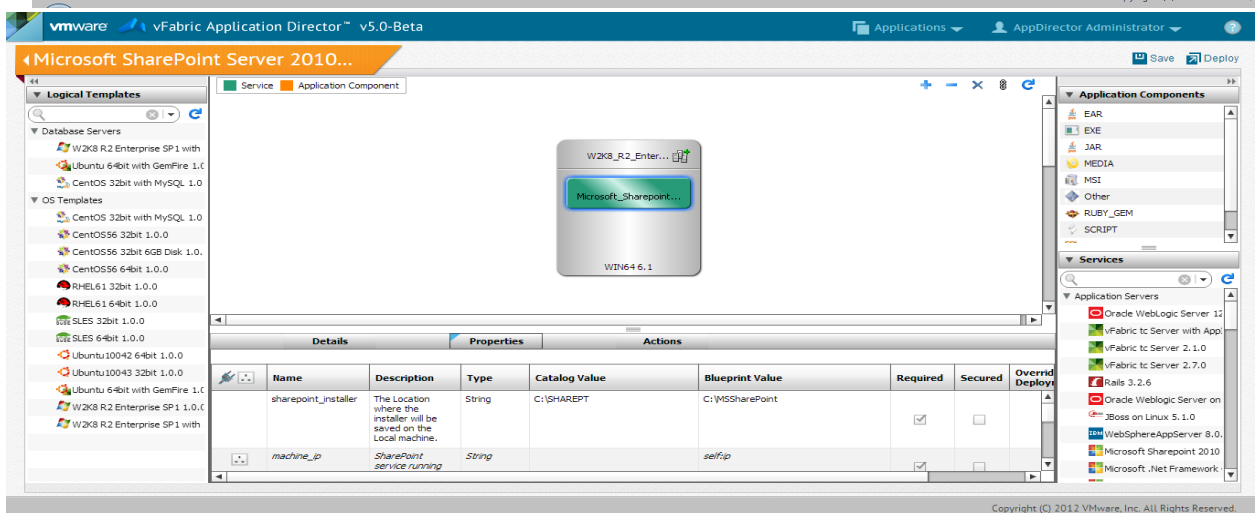
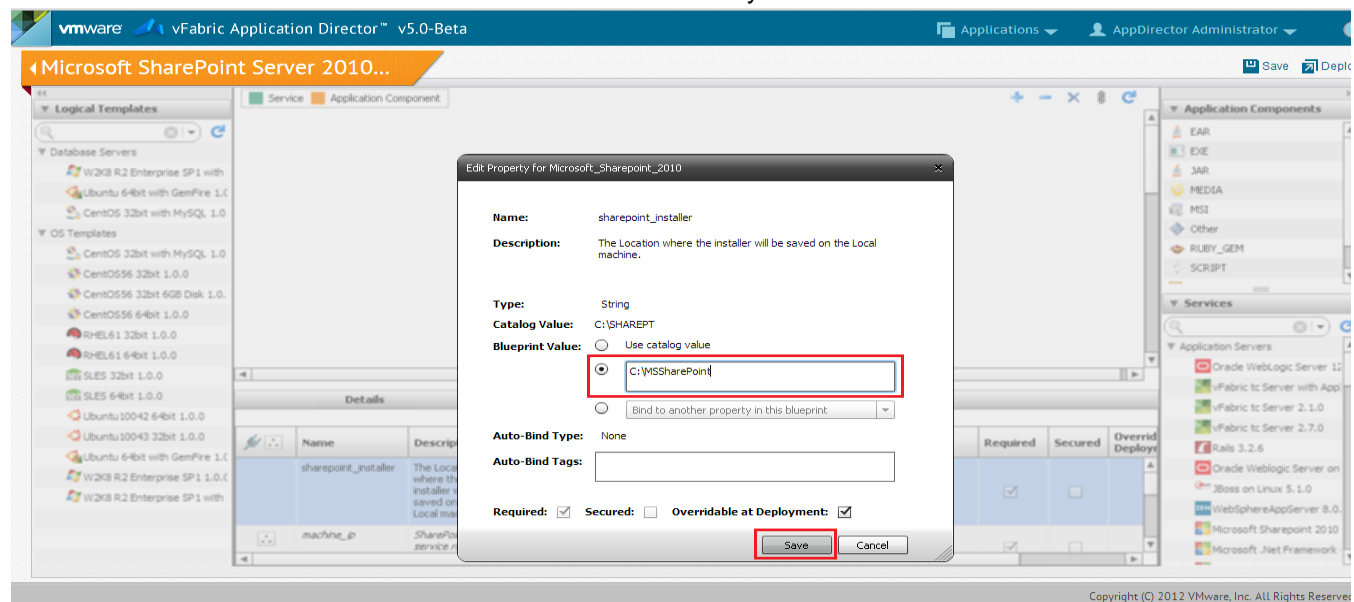
13. To change other default value, click on the respective properties and change the value. For example to set the "sharepoint\_installer" property to "C:\MSSharePoint". Click on it

The screenshot shows the VMware vFabric Application Director v5.0-Beta interface. The main window displays the 'Microsoft SharePoint Server 2010...' service. The 'Properties' tab is selected, showing a table of properties. The 'sharepoint\_installer' property is highlighted with a red box. The 'Catalog Value' is 'C:\SHAREPT' and the 'Blueprint Value' is empty. The 'Required' checkbox is checked, and the 'Secured' checkbox is unchecked. The 'Override Deploy' checkbox is also unchecked.

Name	Description	Type	Catalog Value	Blueprint Value	Required	Secured	Override Deploy
sharepoint_installer	The Location where the installer will be saved on the Local machine.	String	C:\SHAREPT		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
machine_ip	SharePoint service running machine ip.	String		self:ip	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
server_role	Specifies the type of server role.	String	SINGLESERVER		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



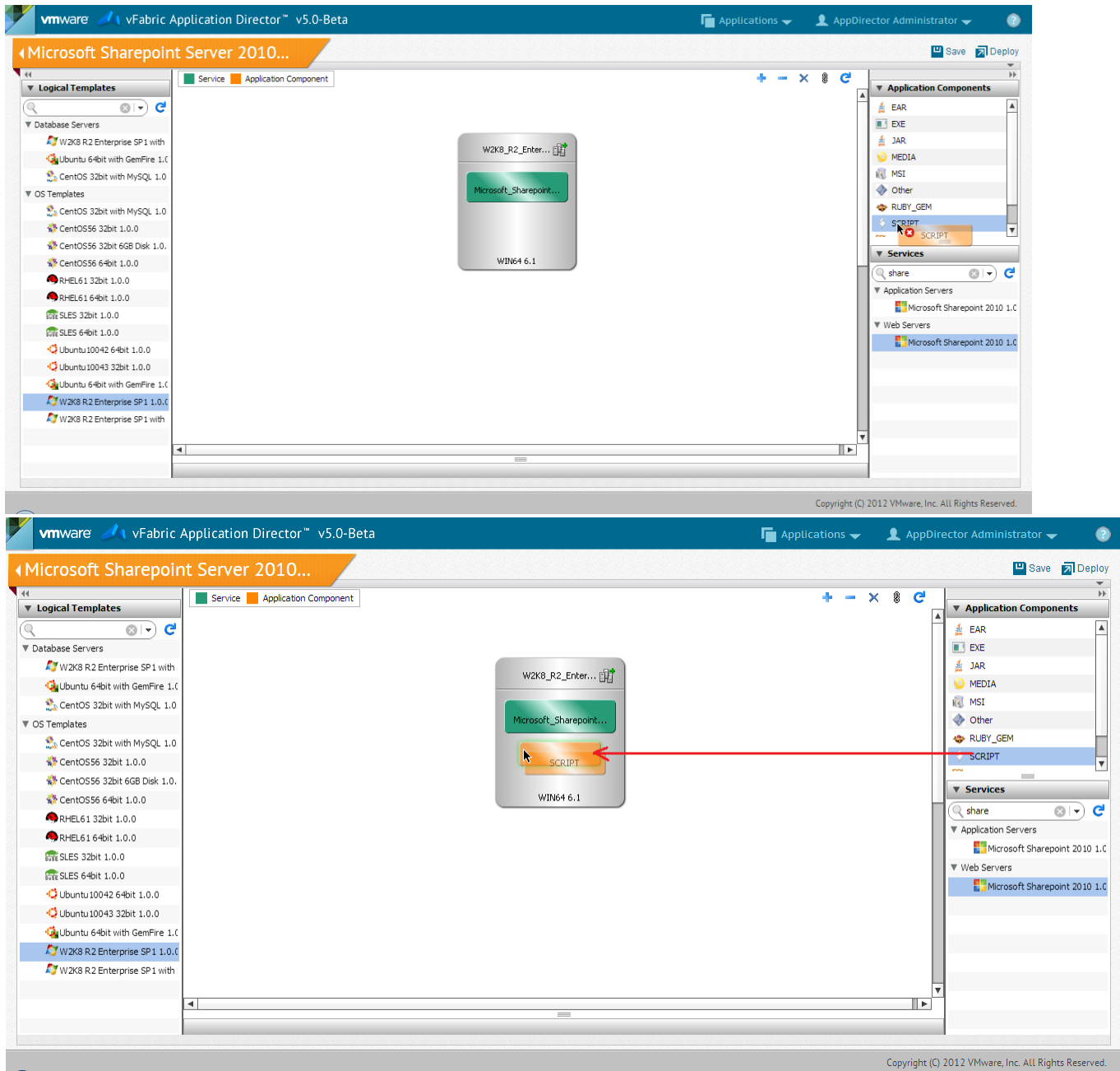
14. Then Click on the second radio button to set our own value and finally click on **Save** button as shown



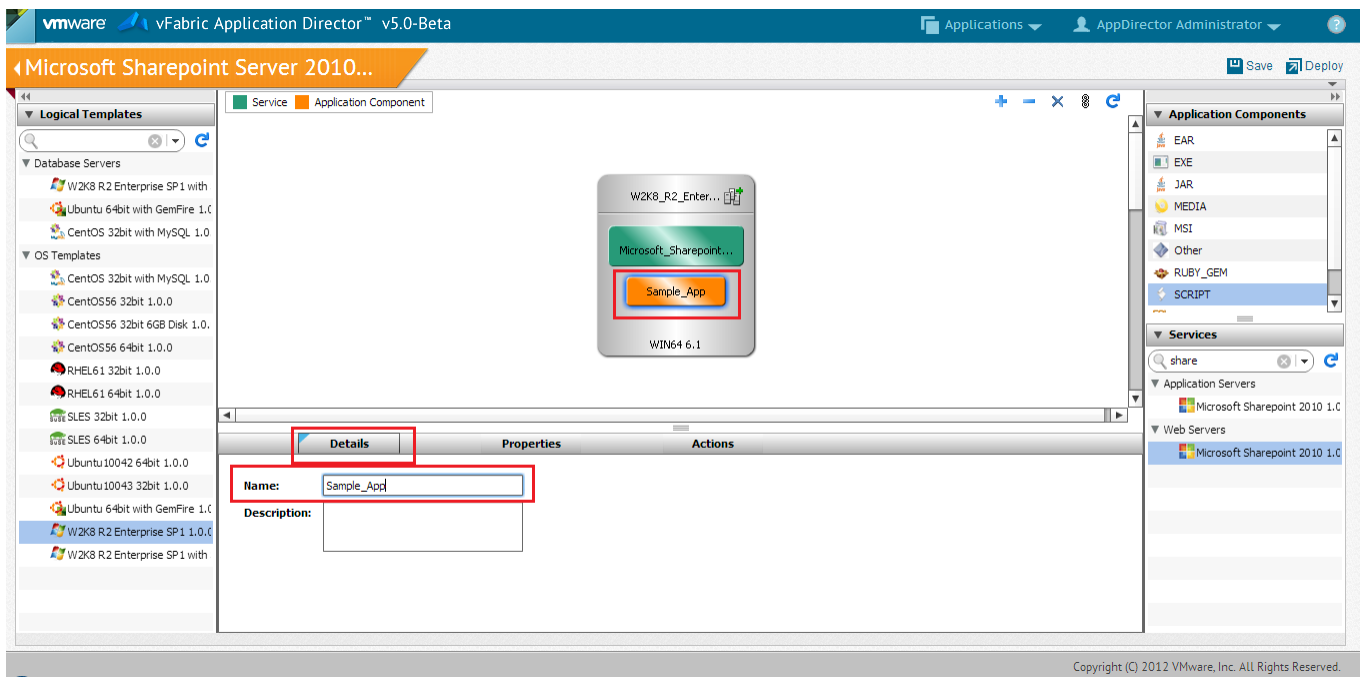
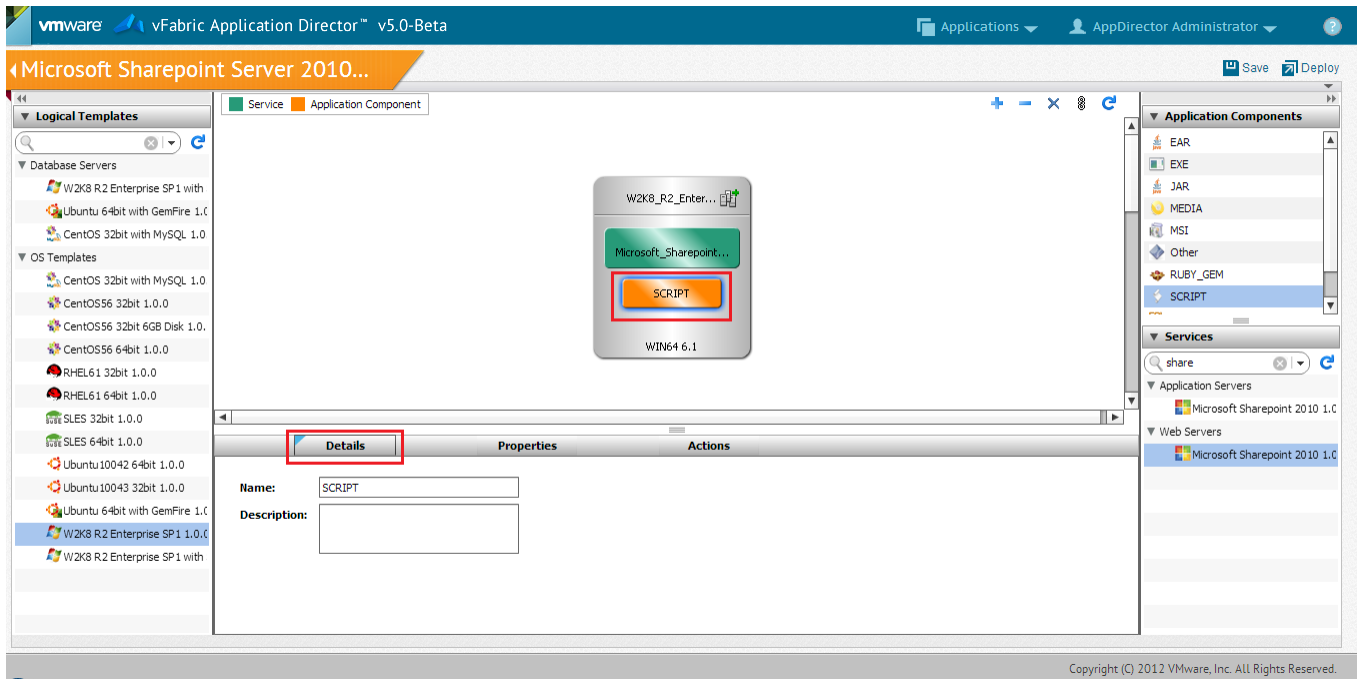
Follow the above step to change other default values as per the requirements.




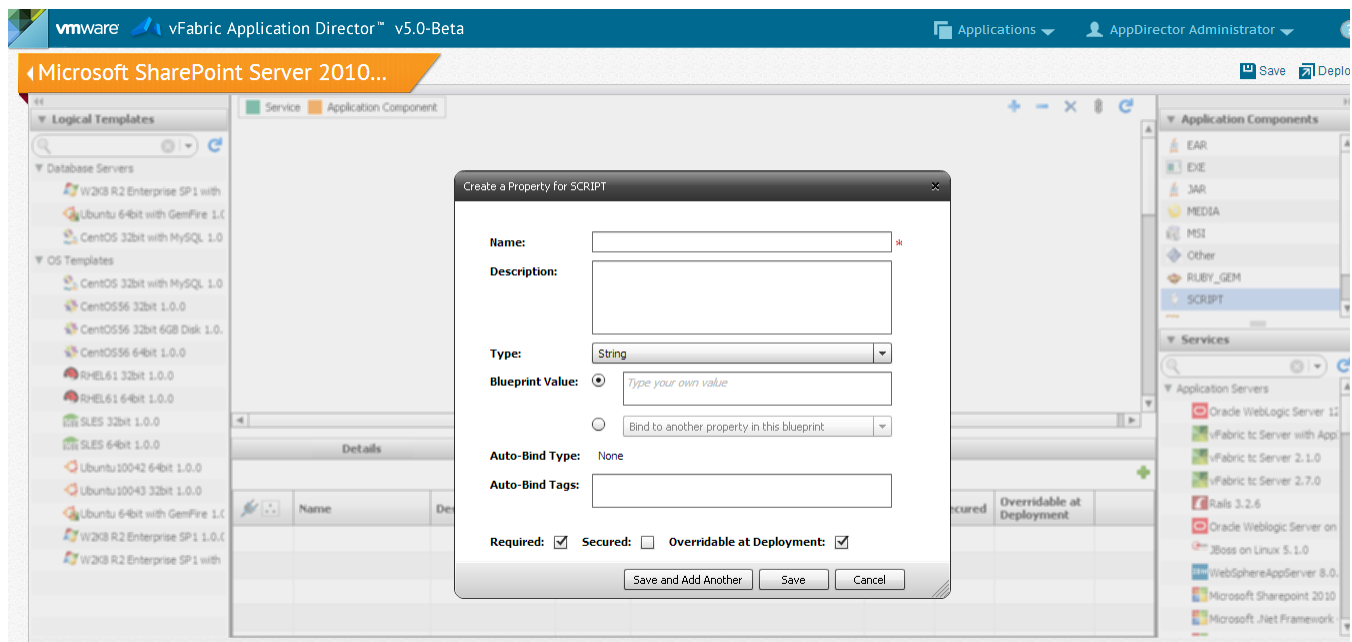
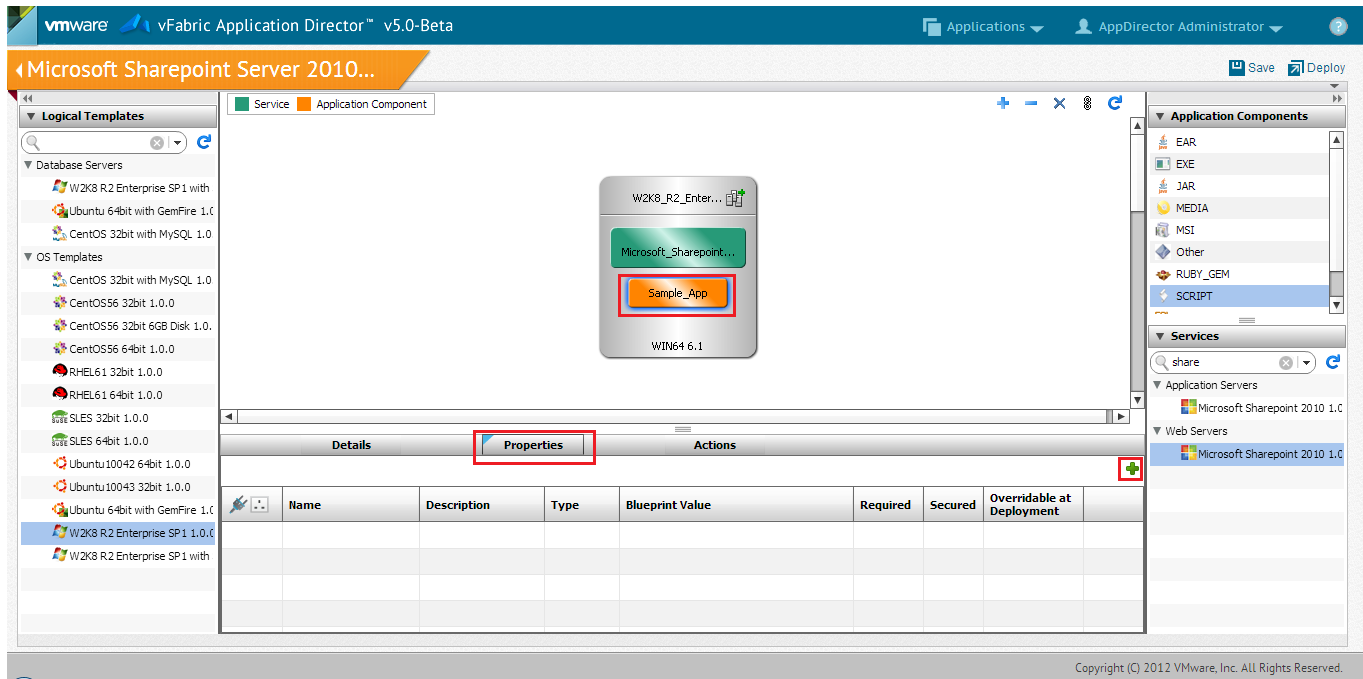
15. (Optional) Below steps demonstrates way to create a sample site in the Sharepoint, using script component of Application Director.
- From the **Application Components** panel on the right, drag and drop the **SCRIPT** labeled on Node as shown



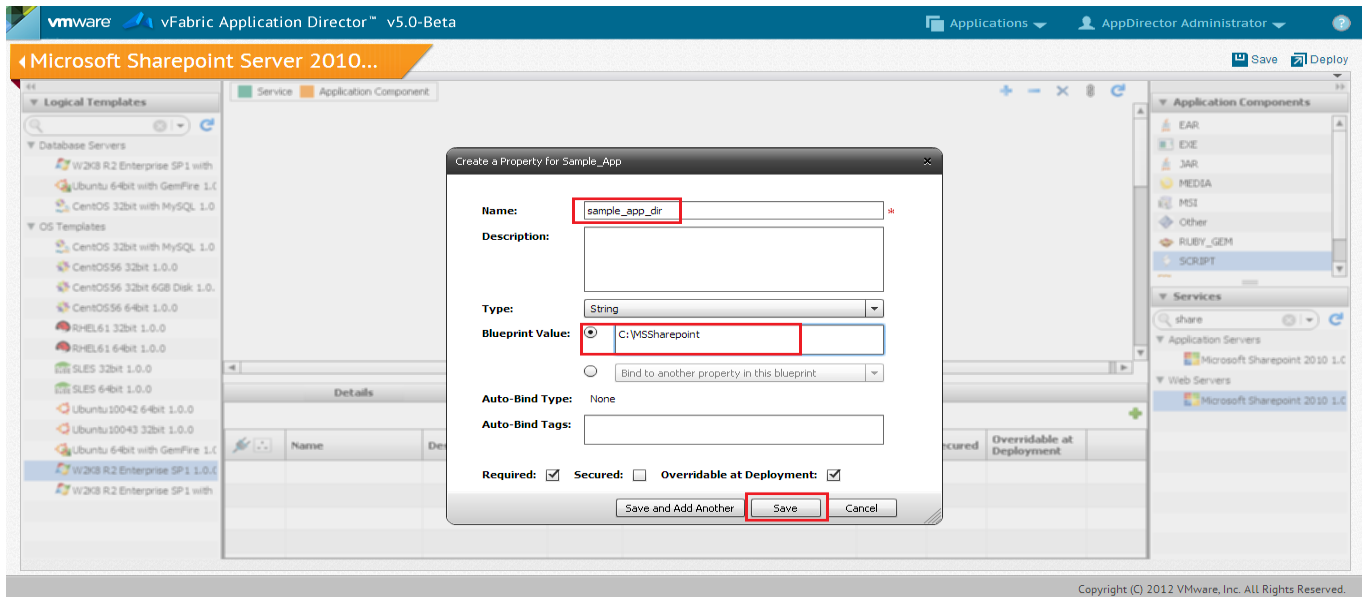
16. Rename the dragged script by click on it and type **"Sample\_App"** in the **Name** field as shown below



17. Click on **Sample\_App** and go to **properties** tab in the lower pane. Click on the  icon to add properties for this script as shown



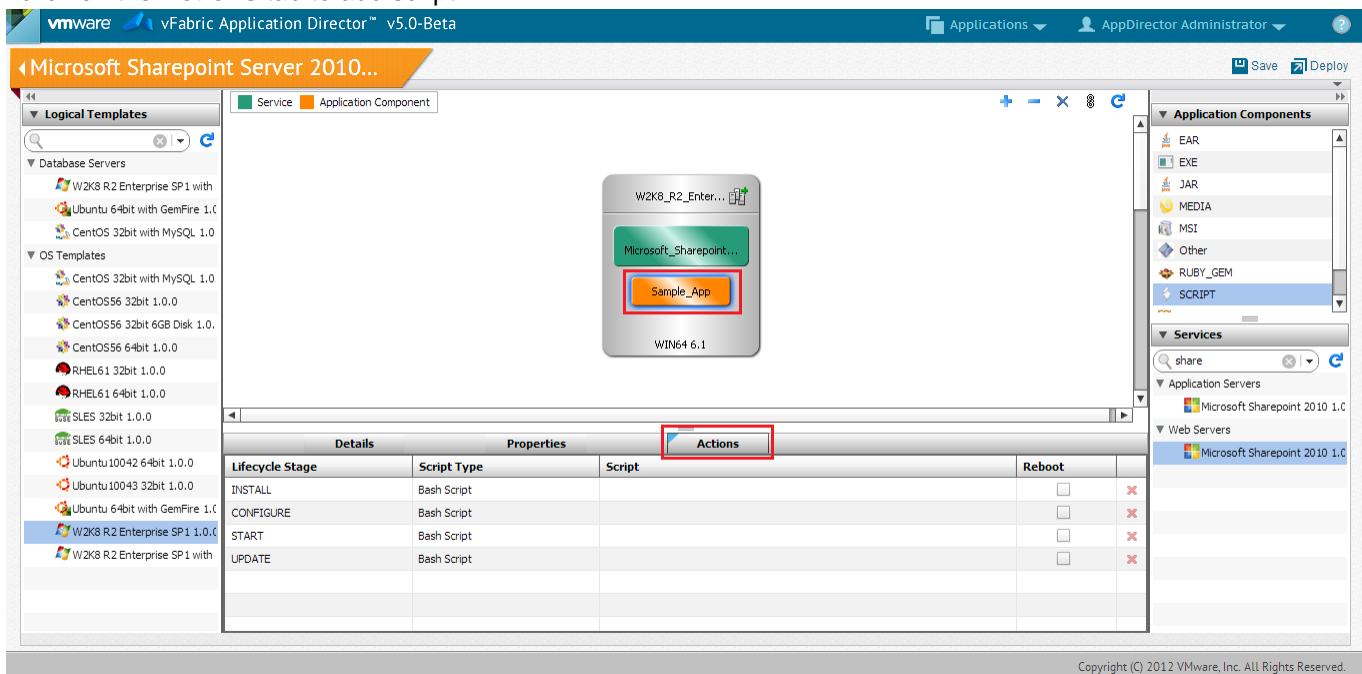
18. Type **sample\_app\_dir** in the Name field and **C:\MSSharePoint** in the Blueprint value field and finally click on **save** button as shown



19. Now add the following properties and bind to its corresponding blueprint values as shown above (step 8-9)

Properties	Type	BluePrint Values
apppool_name	string	Apppool_4484
sampleapp_port	string	4484
sampleapp_sitename	string	samplesite
admin_user	string	darwin
admin_password	string	ca\$h0w

20. Now click on the **Actions** tab to add script



21. Click on the drop down list below the **Script Type** tab to select **Windows PowerShell Script** as shown below

vmware vFabric Application Director™ v5.0-Beta Applications AppDirector Administrator

Microsoft Sharepoint Server 2010...

Logical Templates

- Database Servers
  - W2K8 R2 Enterprise SP1 with
  - Ubuntu 64bit with GemFire 1.0
  - CentOS 32bit with MySQL 1.0
- OS Templates
  - CentOS 32bit with MySQL 1.0
  - CentOS56 32bit 1.0.0
  - CentOS56 32bit 6GB Disk 1.0.
  - CentOS56 64bit 1.0.0
  - RHEL61 32bit 1.0.0
  - RHEL61 64bit 1.0.0
  - SLES 32bit 1.0.0
  - SLES 64bit 1.0.0
  - Ubuntu10042 64bit 1.0.0
  - Ubuntu10043 32bit 1.0.0
  - Ubuntu 64bit with GemFire 1.0
  - W2K8 R2 Enterprise SP1 1.0.0
  - W2K8 R2 Enterprise SP1 with

Application Components

- EAR
- EXE
- JAR
- MEDIA
- MSI
- Other
- RUBY\_GEM
- SCRIPT

Services

- share
- Application Servers
  - Microsoft Sharepoint 2010 1.0
- Web Servers
  - Microsoft Sharepoint 2010 1.0

W2K8\_R2\_Enter...  
Microsoft\_Sharepoint...  
Sample\_App  
WIN64 6.1

Details		Properties	Actions
Lifecycle Stage	Script Type	Script	Reboot
INSTALL	Windows Cmd Script		<input type="checkbox"/>
CONFIGURE	Windows Cmd Script		<input type="checkbox"/>
START	Windows Powershell Script		<input type="checkbox"/>
UPDATE	Bash Script		<input type="checkbox"/>

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Now double click on the blank part below the **Script** tab to add the script

vmware vFabric Application Director™ v5.0-Beta Applications AppDirector Administrator

Microsoft Sharepoint Server 2010...

Logical Templates

- Database Servers
  - W2K8 R2 Enterprise SP1 with
  - Ubuntu 64bit with GemFire 1.0
  - CentOS 32bit with MySQL 1.0
- OS Templates
  - CentOS 32bit with MySQL 1.0
  - CentOS56 32bit 1.0.0
  - CentOS56 32bit 6GB Disk 1.0.
  - CentOS56 64bit 1.0.0
  - RHEL61 32bit 1.0.0
  - RHEL61 64bit 1.0.0
  - SLES 32bit 1.0.0
  - SLES 64bit 1.0.0
  - Ubuntu10042 64bit 1.0.0
  - Ubuntu10043 32bit 1.0.0
  - Ubuntu 64bit with GemFire 1.0
  - W2K8 R2 Enterprise SP1 1.0.0
  - W2K8 R2 Enterprise SP1 with

Application Components

- EAR
- EXE
- JAR
- MEDIA
- MSI
- Other
- RUBY\_GEM
- SCRIPT

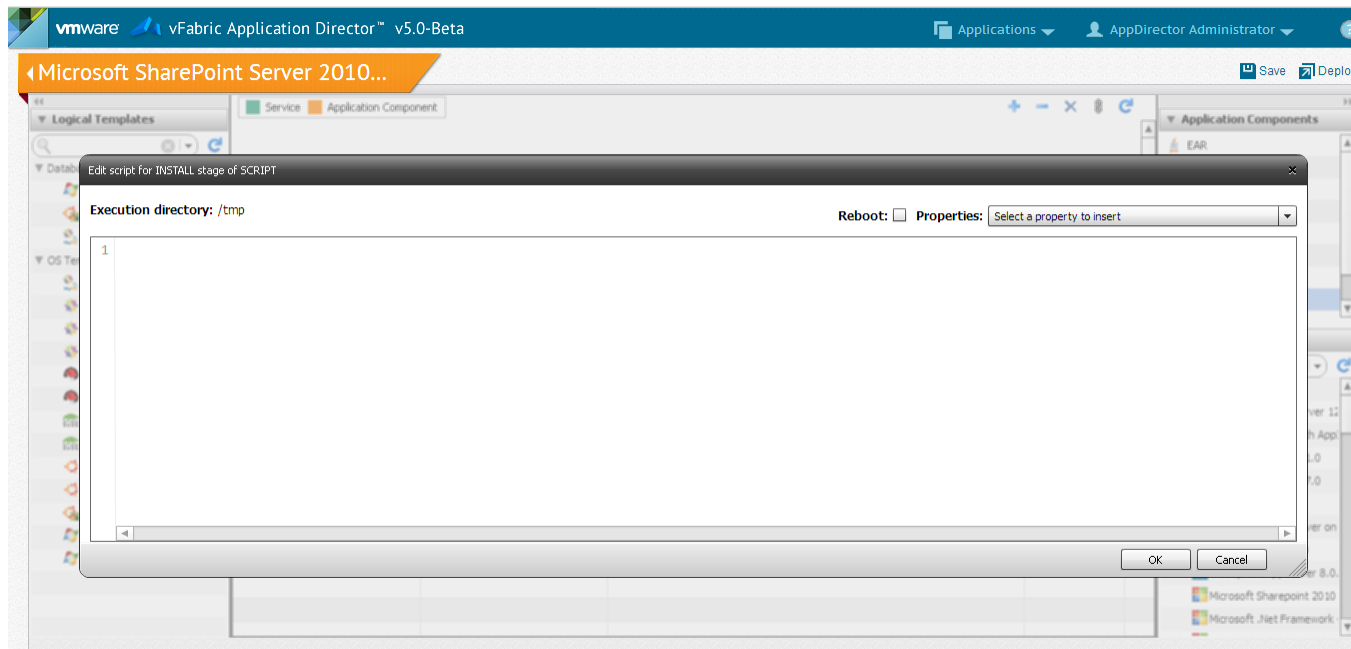
Services

- share
- Application Servers
  - Microsoft Sharepoint 2010 1.0
- Web Servers
  - Microsoft Sharepoint 2010 1.0

W2K8\_R2\_Enter...  
Microsoft\_Sharepoint...  
Sample\_App  
WIN64 6.1

Details		Properties	Actions
Lifecycle Stage	Script Type	Script	Reboot
INSTALL	Windows Powershell Script		<input type="checkbox"/>
CONFIGURE	Bash Script		<input type="checkbox"/>
START	Bash Script		<input type="checkbox"/>
UPDATE	Bash Script		<input type="checkbox"/>

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22. Now copy and paste following content into this page and click OK

```
#####
#####
# Purpose: 1. This script creates a sample website(sample_app) to demonstrate the usage of Sharepoint.
#
#####
#####
```

```
cls
##### INTERNAL PARAMETERTS #####
# Name of web site(sample app)
$SITENAME = "$sampleapp_sitename"
# sample app running port
$SITEPORT = "$sampleapp_port"
# Sample app pool name(Used to separate different Web applications and Web sites into groups)
$APPPOOLNAME = "$apppool_name"
# Sample app directory
$APP_DIR = "$sample_app_dir\APP"
# Script file that will create sample app
$WEBAPP_FILE = "$APP_DIR\CreateWebApp.PS1"
$TEMP_FILE = "$APP_DIR\Temp.txt"
# Script file that will create site pool and add web site in to it.
$SITECOLLECTION_FILE = "$APP_DIR\CreateSiteCollection.PS1"
# To get copmputer name.
$COMPUTERNAME = get-content env:computername
# User name(machine user name)
$USERNAME = "$admin_user"
# password (machine password)
$PASSWORD = "$admin_password"
# Copy the password into tmp.txt file
$PASSWORD > "$APP_DIR\tmp.txt"
```

```

write-host "CREATING SAMPLE APP DIRECTORIES"
if (!(Test-Path -Path $APP_DIR))
{
    New-Item $APP_DIR -type directory
}

```

```
#####VALIDATION FUNCTIONS#####
```

```

Function check_error
{
    if (!$?)
    {
        error_exit $args[0]
    }
}

```

```

Function error_exit
{
    write-host $args[0]
    exit 1
}

```

```

Function valid_int
{
    $STR = $args[0]
    $ValidSTR = $true
    $ValidSTR = ($STR-match"^[0-9]{1,9}$")
    if(-not $ValidSTR){return $false}
    return $ValidSTR
}

```

```
#####PARAMETER VALIDATION#####
```

```

write-host "PARAMETER VALIDATION -- START"

if (($SITENAME -eq ""))
{
    error_exit "ERROR: SITE NAME NOT SET"
}
if (($APPPOOLNAME -eq ""))
{
    error_exit "ERROR:APP POOL NAME"
}
if (($APP_DIR -eq ""))
{
    error_exit "ERROR:APP DIRECTORY NOT SET"
}
if (($USERNAME -eq ""))
{
    error_exit "ERROR:USER NAME NOT SET"
}
if (($PASSWORD -eq ""))
{
    error_exit "ERROR:PASSWORD NOT SET"
}

```

```

}
if (($SITEPORT -eq ""))
{
    error_exit "ERROR:PORT NOT SET"
}
elseif(!(valid_int $SITEPORT))
{
    error_exit "ERROR:NOT A VALID LISTENING PORT"
}

##### CREATING A POWERSHELL SCRIPT FILE TO CREATE A SAMPLE APP#####
New-Item $WEBAPP_FILE -type file
$sw1 = new-object system.IO.StreamWriter($WEBAPP_FILE)
$sw1.WriteLine("add-PSSnapin Microsoft.Sharepoint.powershell")
# define a variable $Username(combination of computer name and username)
$sw1.WriteLine("$Username = ``$COMPUTERNAME\$USERNAME``")
# Store password into $Password variable from tmp.txt
$sw1.WriteLine("$Password = get-content ``$INSTALLER\tmp.txt``")
# Make secure string from password
$sw1.WriteLine("$my_secure_password_string = convertto-securestring ``$Password`` -asplaintext -force")
# Change the secure string in to encrypted string by adding key in to password secure string
$sw1.WriteLine("$my_encrypted_string = convertfrom-securestring `my_secure_password_string-key
(1..16)`)")
# Store encrypted string in to a txt file
$sw1.WriteLine("$my_encrypted_string > ``$INSTALLER\password.txt``")
# Read Encrypted password from txt file
$sw1.WriteLine("$my_secure_password_string = convertto-securestring (get-content
``$INSTALLER\password.txt``) -key (1..16)`)")
# Create Credentail variable by using username and password
$sw1.WriteLine("$cred = New-Object System.Management.Automation.PSCredential
`Username,`my_secure_password_string `")
# Create Manage Account
$sw1.WriteLine("New-SPManagedAccount -Credential `$cred")
# Web site name
$sw1.WriteLine("$siteName = ``$SITENAME``")
# Web site running port
$sw1.WriteLine("$port = ``$SITEPORT``")
# Host header
$sw1.WriteLine("$hostHeader = ````")
# Web site URL
$sw1.WriteLine("$url = ``http://$COMPUTERNAME``")
# Application pool name
$sw1.WriteLine("$appPoolName = ``$APPPOLNAME``")
# Managed Account name
$sw1.WriteLine("$managedAccount = ``$COMPUTERNAME\$USERNAME``")
# DB server name
$sw1.WriteLine("$dbServer = ``$COMPUTERNAME\SharePoint``")
# DB name
$sw1.WriteLine("$dbName = ``WSS_Content_$SITEPORT``")
$sw1.WriteLine("$authenticationMethod = ``NTLM``")
# Command let that will create sample app by using above declared variables
$sw1.WriteLine("New-SPWebApplication -Name `$siteName -Port `$port -HostHeader `$hostHeader -URL `$url
-ApplicationPool `$appPoolName -ApplicationPoolAccount (Get-SPManagedAccount ``$managedAccount`) -

```



```

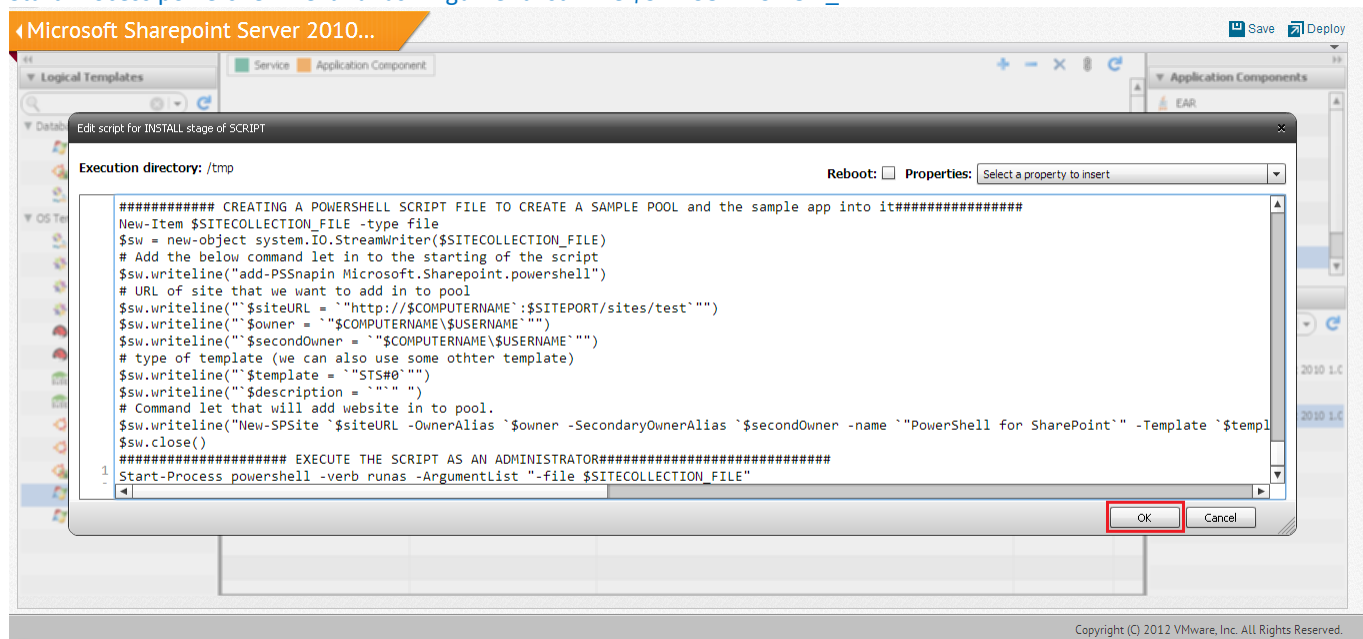
DatabaseName ` $dbName -DatabaseServer ` $dbServer -AllowAnonymousAccess: ` $allowAnonymous -
AuthenticationMethod ` $authenticationMethod")
$sw1.close()

```

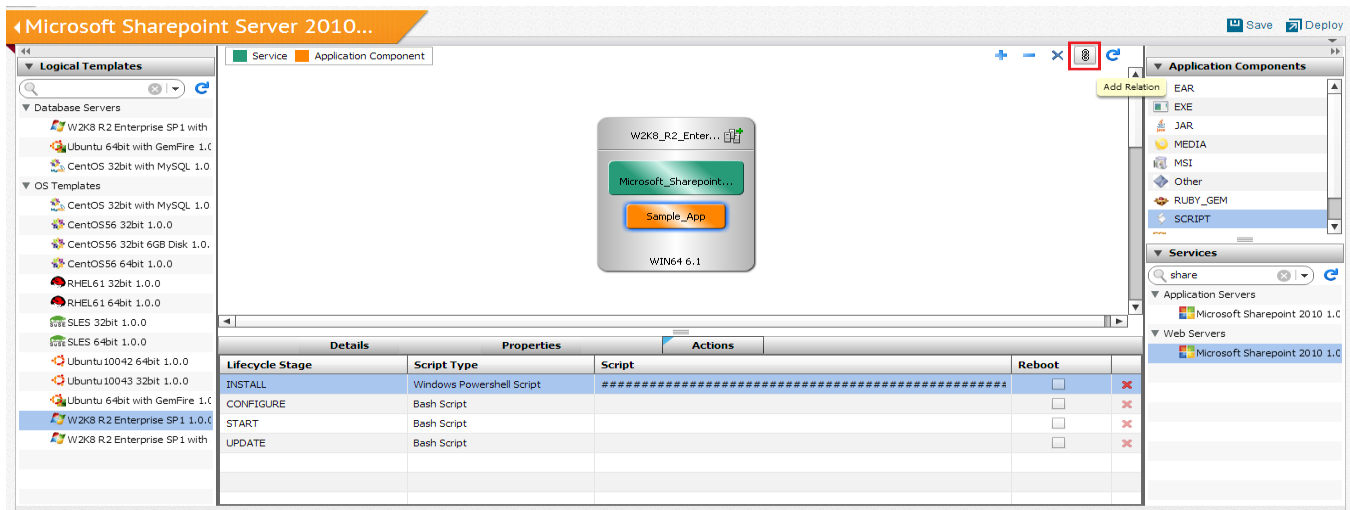
```

##### EXECUTE THE Above created SCRIPT file AS AN
ADMINISTRATOR#####
Start-Process powershell -verb runas -ArgumentList "-file $WEBAPP_FILE"
##### CREATING A POWERSHELL SCRIPT FILE TO CREATE A SAMPLE POOL and the sample app into
it#####
New-Item $SITECOLLECTION_FILE -type file
$sw = new-object system.IO.StreamWriter($SITECOLLECTION_FILE)
# Add the below command let in to the starting of the script
$sw.writeline("add-PSSnapin Microsoft.Sharepoint.powershell")
# URL of site that we want to add in to pool
$sw.writeline("`$siteURL = `http://$COMPUTERNAME:$SITEPORT/sites/test`")
$sw.writeline("`$owner = `$COMPUTERNAME\$USERNAME`")
$sw.writeline("`$secondOwner = `$COMPUTERNAME\$USERNAME`")
# type of template (we can also use some other template)
$sw.writeline("`$template = `STS#0`")
$sw.writeline("`$description = ` ` `")
# Command let that will add website in to pool.
$sw.writeline("New-SPSite `$siteURL -OwnerAlias `$owner -SecondaryOwnerAlias `$secondOwner -name
`PowerShell for SharePoint` -Template `$template -Description `$description")
$sw.close()
##### EXECUTE THE SCRIPT AS AN ADMINISTRATOR#####
Start-Process powershell -verb runas -ArgumentList "-file $SITECOLLECTION_FILE"

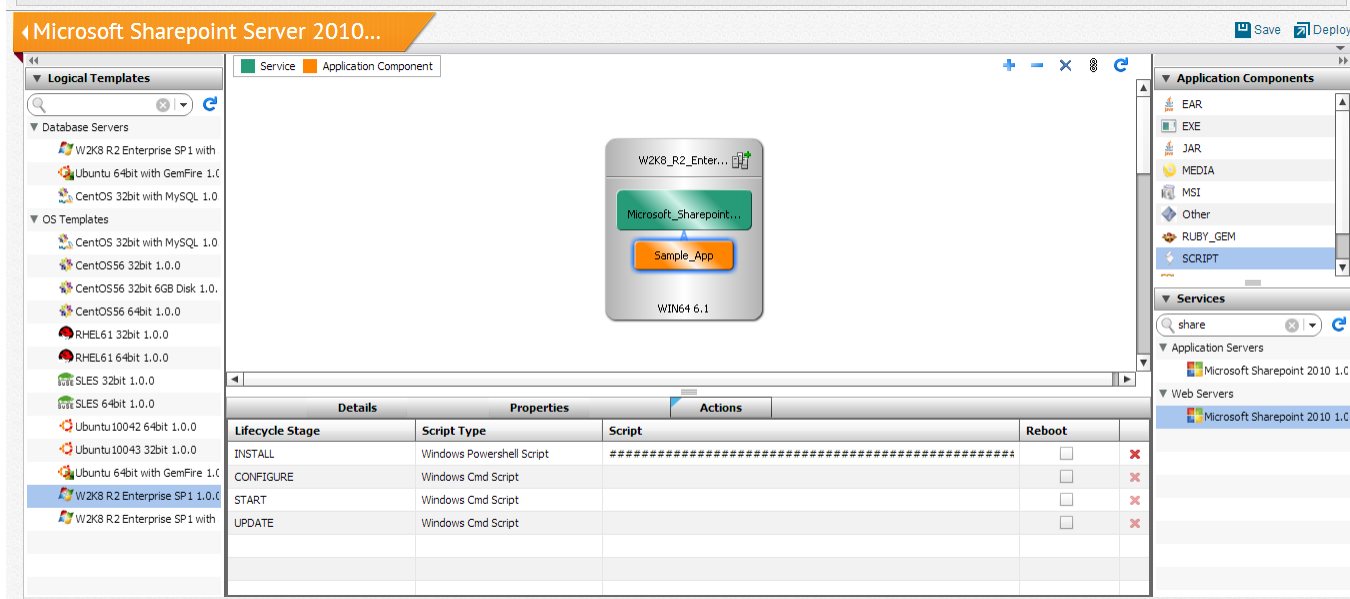
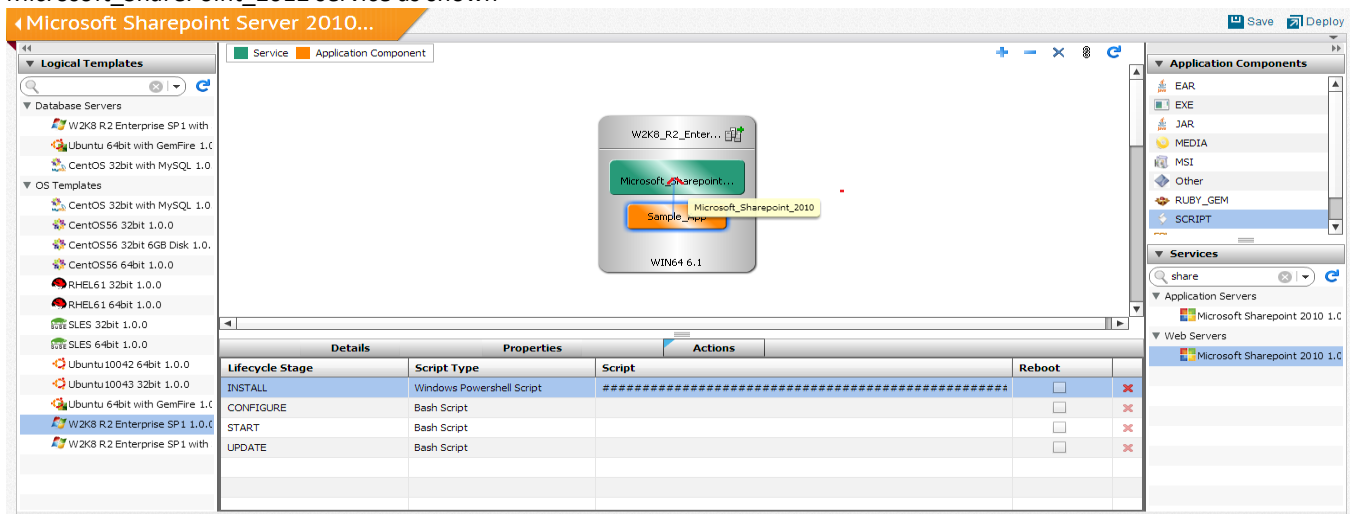
```



23. Now add the relationship from Sample\_App towards **"Microsoft\_Sharepoint\_2010"** service  
Click on the Add relation icon



Click on **Sample\_App** then over the mouse towards **Microsoft\_SharePoint\_2012** service and click on **Microsoft\_SharePoint\_2012** service as shown



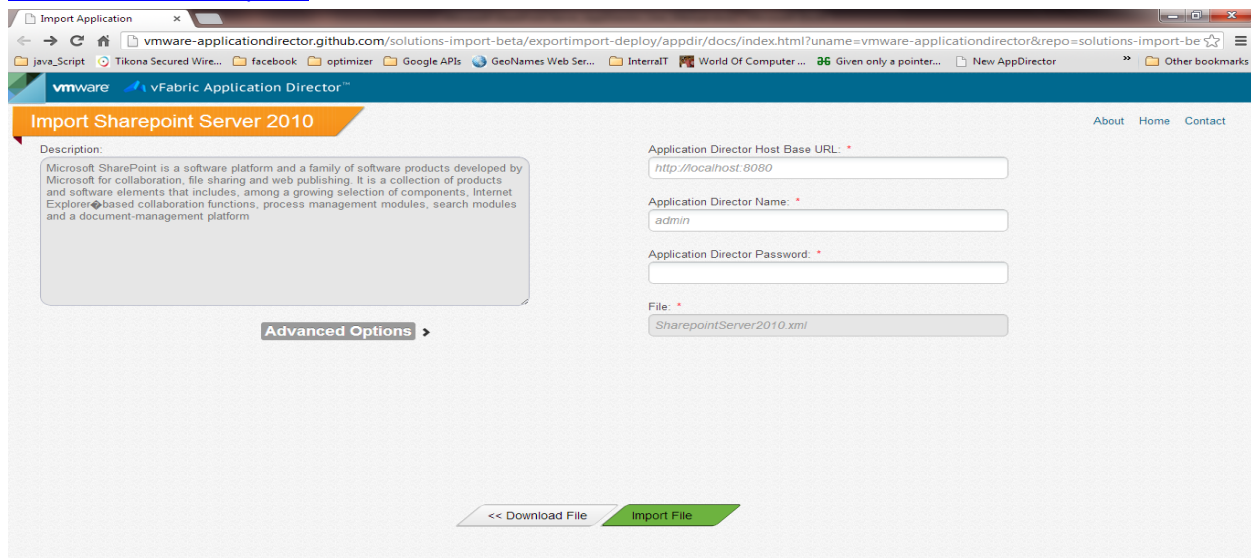
**NOTE: Steps 15-23 are optional. These steps have been shown just to demonstrate the successful installation and start of the Microsoft SharePoint Server 2012 service.**

24. Save the application

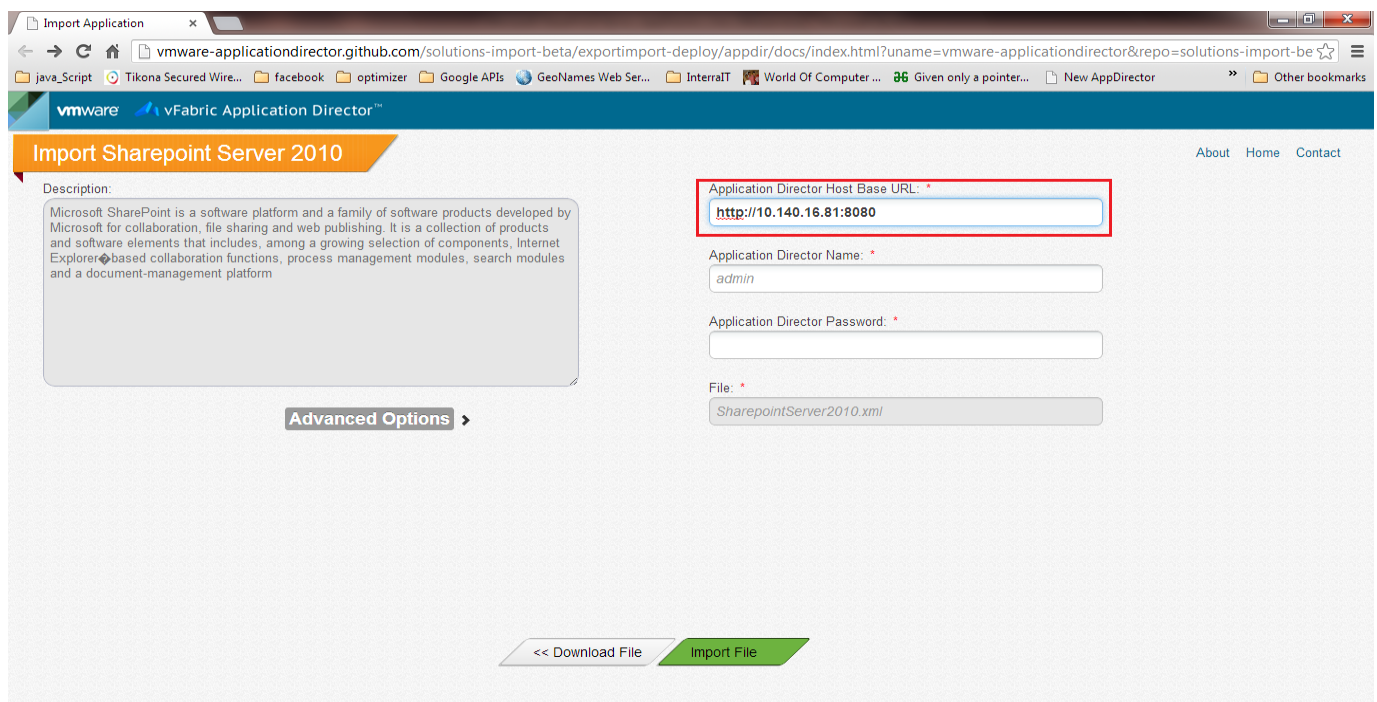
## Method - 2: From Application director import-export service

1. Open the below link to create application on application director instance

<http://vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-beta&branch=sharepoint>



2. Type URL (http://app\_dir\_ip:8080) of the application director instance into which you want to create application as shown



3. Type the application director user name and password in the text boxes as shown

Import Application

vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-be

java\_Script Tikona Secured Wire... facebook optimizer Google APIs GeoNames Web Ser... Interrat World Of Computer ... 36 Given only a pointer... New AppDirector Other bookmarks

vmware vFabric Application Director™

### Import Sharepoint Server 2010

About Home Contact

Description:

Microsoft SharePoint is a software platform and a family of software products developed by Microsoft for collaboration, file sharing and web publishing. It is a collection of products and software elements that includes, among a growing selection of components, Internet Explorer-based collaboration functions, process management modules, search modules and a document-management platform

Advanced Options >

Application Director Host Base URL: \*

http://10.140.16.81:8080

Application Director Name: \*

admin

Application Director Password: \*

\*\*\*\*\*

File: \*

SharepointServer2010.xml

<< Download File Import File

4. Now click on the arrow besides **Advanced Options** link as shown below

Import Application

vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-be

java\_Script Tikona Secured Wire... facebook optimizer Google APIs GeoNames Web Ser... Interrat World Of Computer ... 36 Given only a pointer... New AppDirector Other bookmarks

vmware vFabric Application Director™

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Advanced Options ▸

Application Director Host Base URL: \*

http://10.140.16.81:8080

Application Director Name: \*

admin

Application Director Password: \*

\*\*\*\*\*

File: \*

SharepointServer2010.xml

<< Download File Import File

5. Then click on the third radio button **“New”** and type the name in the text box **“Import As New Suffix”**

Import Application

vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-be

vmware vFabric Application Director™

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Application Director Host Base URL: \*

http://10.140.16.81:8080

Application Director Name: \*

admin

Application Director Password: \*

\*\*\*\*\*

File: \*

SharepointServer2010.xml

**Advanced Options** ▼

Conflict Resolution

☐ Overwrite

☐ Skip

☒ New

Import As New Suffix

oint\_sandeep

<< Download File Import File

6. Click on the **Import File** button to create the application onto the application director instance.

Import Application

vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-be

vmware vFabric Application Director™

## Import Sharepoint Server 2010

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Application Director Host Base URL: \*

http://10.140.16.81:8080

Application Director Name: \*

admin

Application Director Password: \*

\*\*\*\*\*

File: \*

SharepointServer2010.xml

**Advanced Options** ▼

Conflict Resolution

☐ Overwrite

☐ Skip

☒ New

Import As New Suffix

MS\_SharePoin

<< Download File Import File

7. Wait for the task to complete.

The screenshot shows the 'Import Application' interface for VMware vFabric Application Director. The page title is 'Import Sharepoint Server 2010'. It includes a description of Microsoft SharePoint, a progress bar at 0%, and several input fields for configuration. The 'Advanced Options' section is expanded, showing 'Conflict Resolution' with 'New' selected and 'Import As New Suffix' set to 'MS\_SharePoint'. The 'File' field contains 'SharepointServer2010.xml'. At the bottom, there are buttons for '<< Download File' and 'Import File'.

Import Application

vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-be

Import Sharepoint Server 2010

About Home Contact

Description:

Microsoft SharePoint is a software platform and a family of software products developed by Microsoft for collaboration, file sharing and web publishing. It is a collection of products and software elements that includes, among a growing selection of components, Internet Explorer-based collaboration functions, process management modules, search modules and a document-management platform

Application Director Host Base URL: \*

http://10.140.16.81:8080

Application Director Name: \*

admin

Application Director Password: \*

\*\*\*\*\*

File: \*

SharepointServer2010.xml

Advanced Options ▾

Conflict Resolution

☐ Overwrite

☐ Skip

☒ New

Import As New Suffix

MS\_SharePoint

0%

<< Download File Import File

8. After successfully import, we will have the link to deploy the SharePoint application.

The screenshot shows the 'Import Application' interface after a successful import. The page title is 'Import Sharepoint Server 2010'. It displays the message 'Application Imported Successfully!' and provides a 'Your Import Link' which is a long URL. At the bottom, there are buttons for '<< Download File' and a green button.

Import Application

vmware-applicationdirector.github.com/solutions-import-beta/exportimport-deploy/appdir/docs/index.html?uname=vmware-applicationdirector&repo=solutions-import-be

Import Sharepoint Server 2010

About Home Contact

Application Imported Successfully!

Your Import Link

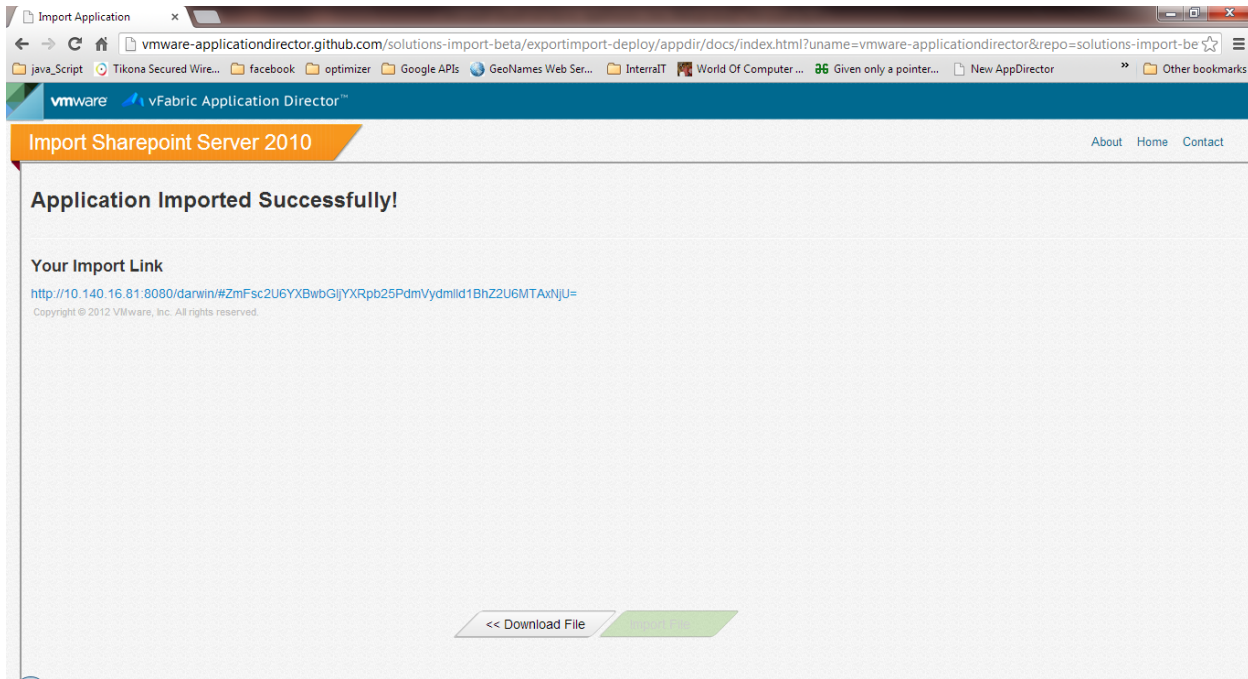
<http://10.140.16.81:8080/darwin/#ZmFsc2U6YXBwbGljYXRpb25PdmVydmlld1BhZ2U6MTAxNjU=>

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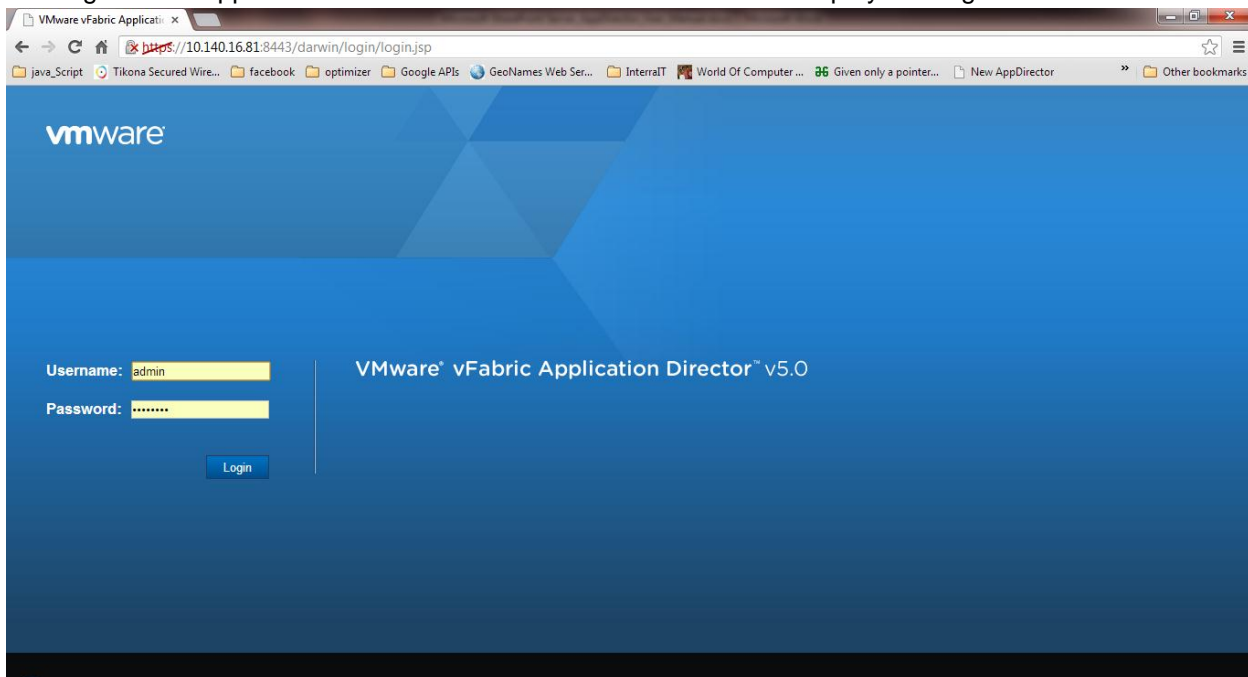
<< Download File

## Deploying the Microsoft SharePoint 2010 application

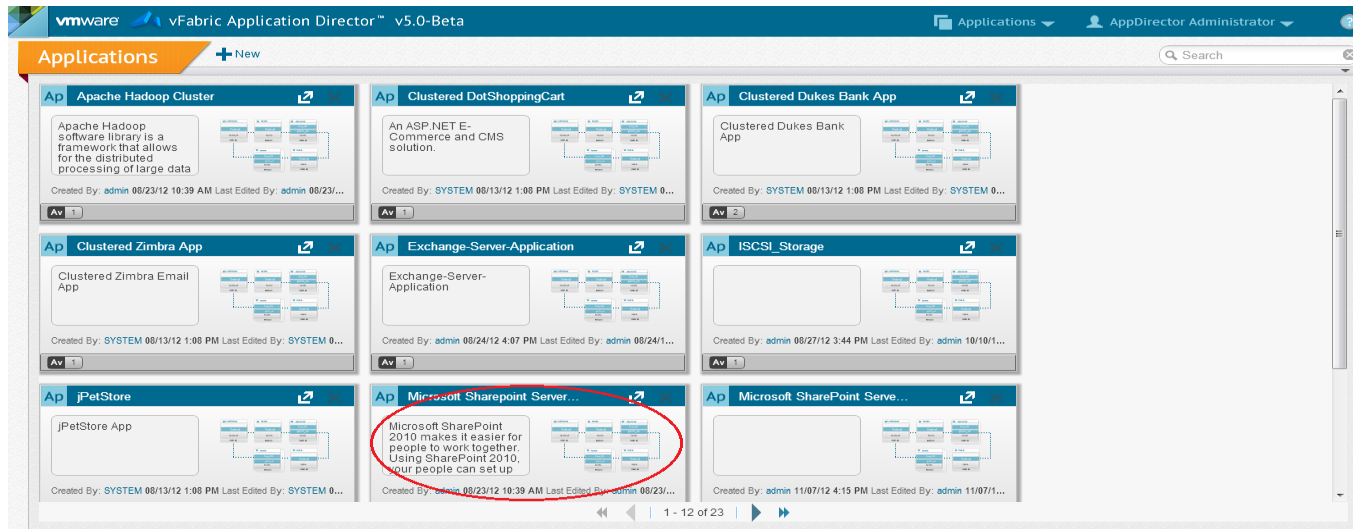
1. Click on the import link



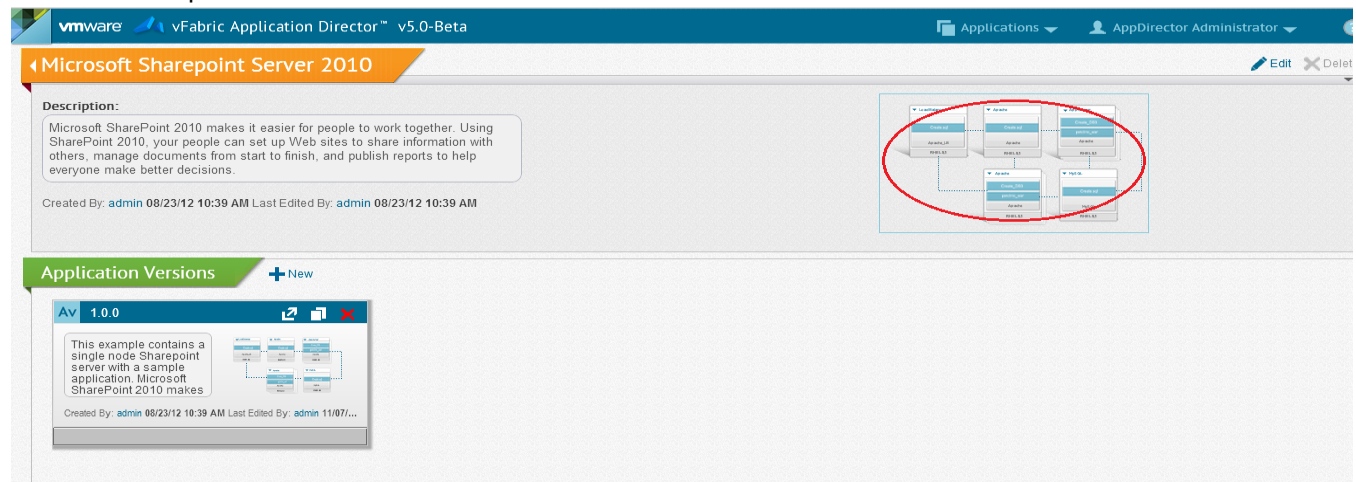
OR Login to the Application Director UI with the user which has the deployment rights.



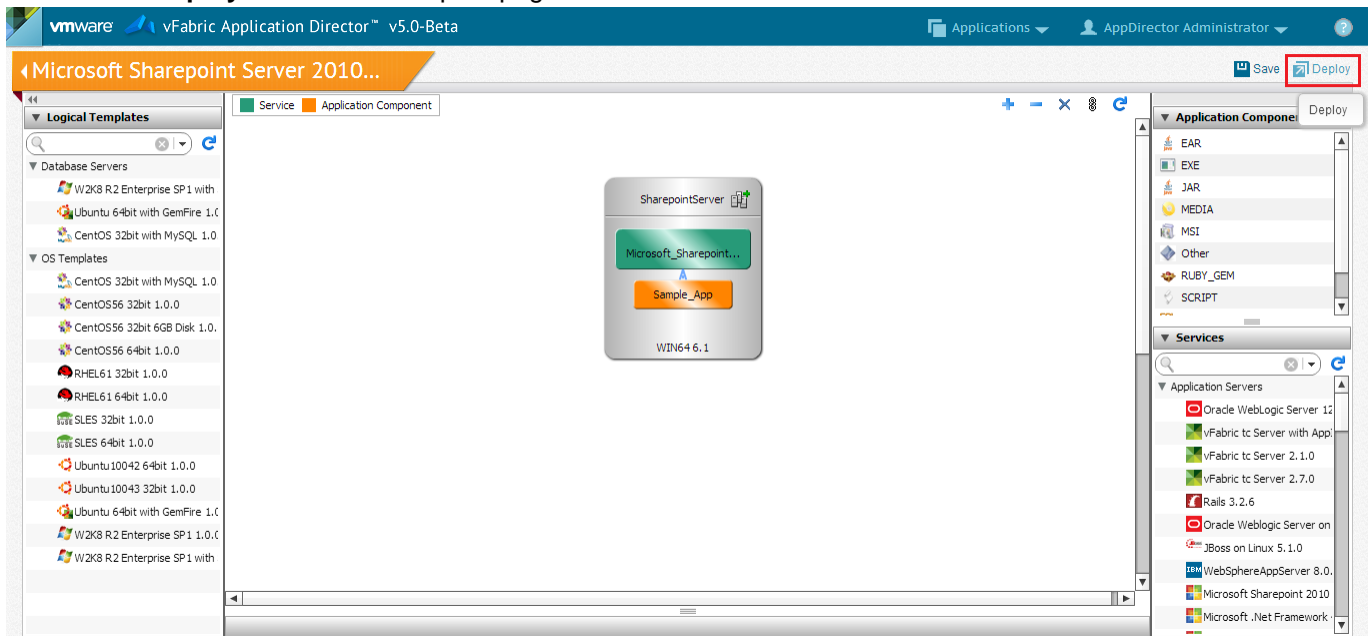
2. Click on the **Microsoft SharePoint Server 2010** Application in the Application List page.



3. Now click on the part circled with red color.

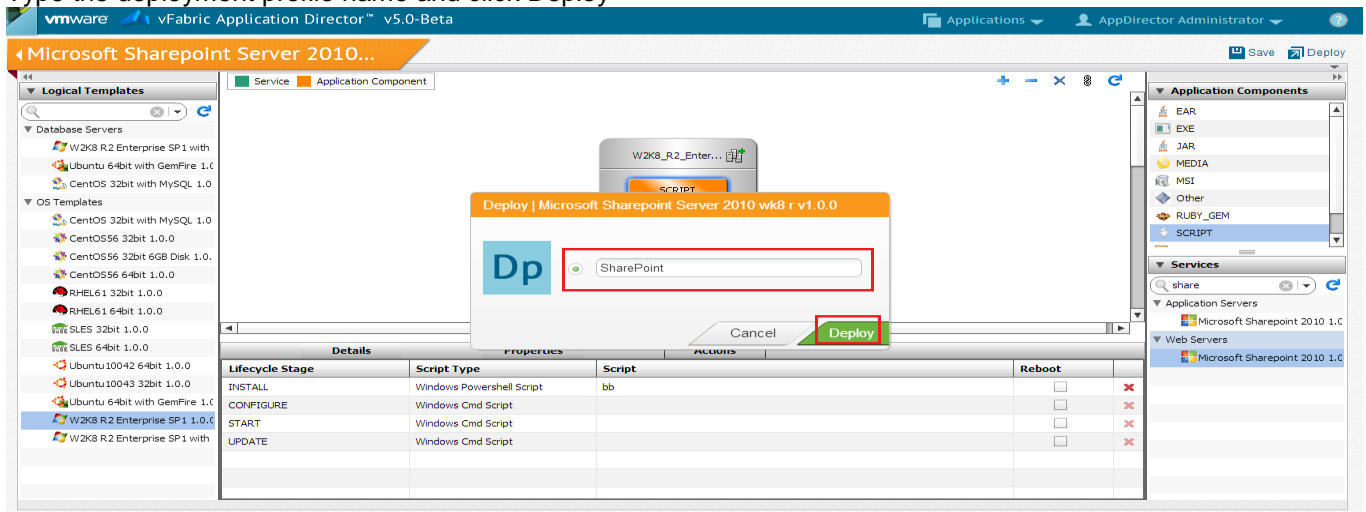


4. Click on the **Deploy** icon on the Blueprint page.

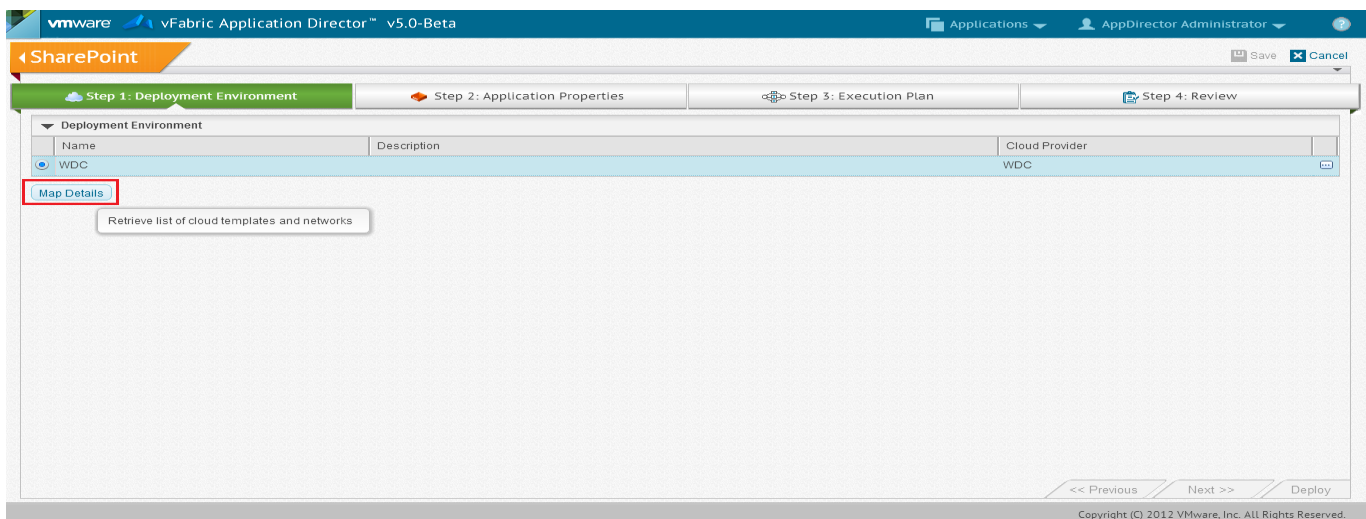




5. It will bring up the deployment profile window. You can enter new Deployment Profile Name or Choose from the existing Deployment Profile if no deployment profile is created yet.
6. Type the deployment profile name and click Deploy



7. This will bring up the deploy wizard. Click on the “Map Details” button



8. Select the appropriate **Cloud template** from the drop down list

vmware vFabric Application Director™ v5.0-Beta Applications AppDirector Administrator

SharePoint Save Cancel

Step 1: Deployment Environment Step 2: Application Properties Step 3: Execution Plan Step 4: Review

Deployment Environment

Name	Description	Cloud Provider
WDC		WDC

Map Details

VM Templates

Node Name	Logical Template	Cloud Template
W2K8_R2_Enterprise_SP1_1.0	W2K8_R2_Enterprise_SP1	w2k8r2sp1_v4

Networking

Logical Network Name	Nodes Using this Network	Cloud Network Name
Default Logical Network	W2K8_R2_Enterprise_SP1_1.0	

<< Previous Next >> Deploy

9. Now Select the appropriate **Cloud Network Name** from the drop down list

vmware vFabric Application Director™ v5.0-Beta Applications AppDirector Administrator

SharePoint Save Cancel

Step 1: Deployment Environment Step 2: Application Properties Step 3: Execution Plan Step 4: Review

Deployment Environment

Name	Description	Cloud Provider
WDC		WDC

Map Details

VM Templates

Node Name	Logical Template	Cloud Template
W2K8_R2_Enterprise_SP1_1.0	W2K8_R2_Enterprise_SP1	w2k8r2sp1_v5

Networking

Logical Network Name	Nodes Using this Network	Cloud Network Name
Default Logical Network	W2K8_R2_Enterprise_SP1_1.0	Interra IT Direct Net

<< Previous Next >> Deploy

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10. Finally click on **Next** button to see the Application Properties wizard

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SharePoint Save Cancel

Step 1: Deployment Environment Step 2: Application Properties Step 3: Execution Plan Step 4: Review

▼ Deployment Environment

Name	Description	Cloud Provider
WDC		WDC

Map Details

▼ VM Templates

Node Name	Logical Template	Cloud Template
W2K8_R2_Enterprise_SP1_1.0	W2K8 R2 Enterprise SP1	w2k8r2sp1_v5

▼ Networking

Logical Network Name	Nodes Using this Network	Cloud Network Name
Default Logical Network	W2K8_R2_Enterprise_SP1_1.0	Interra IT Direct Net

<< Previous Next >> Deploy

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11. Click **Next** again to view the execution Plan

vmware vFabric Application Director™ v5.0-Beta Applications AppDirector Administrator

SharePoint Save Cancel

Step 1: Deployment Environment Step 2: Application Properties Step 3: Execution Plan Step 4: Review

Node Service Application Component

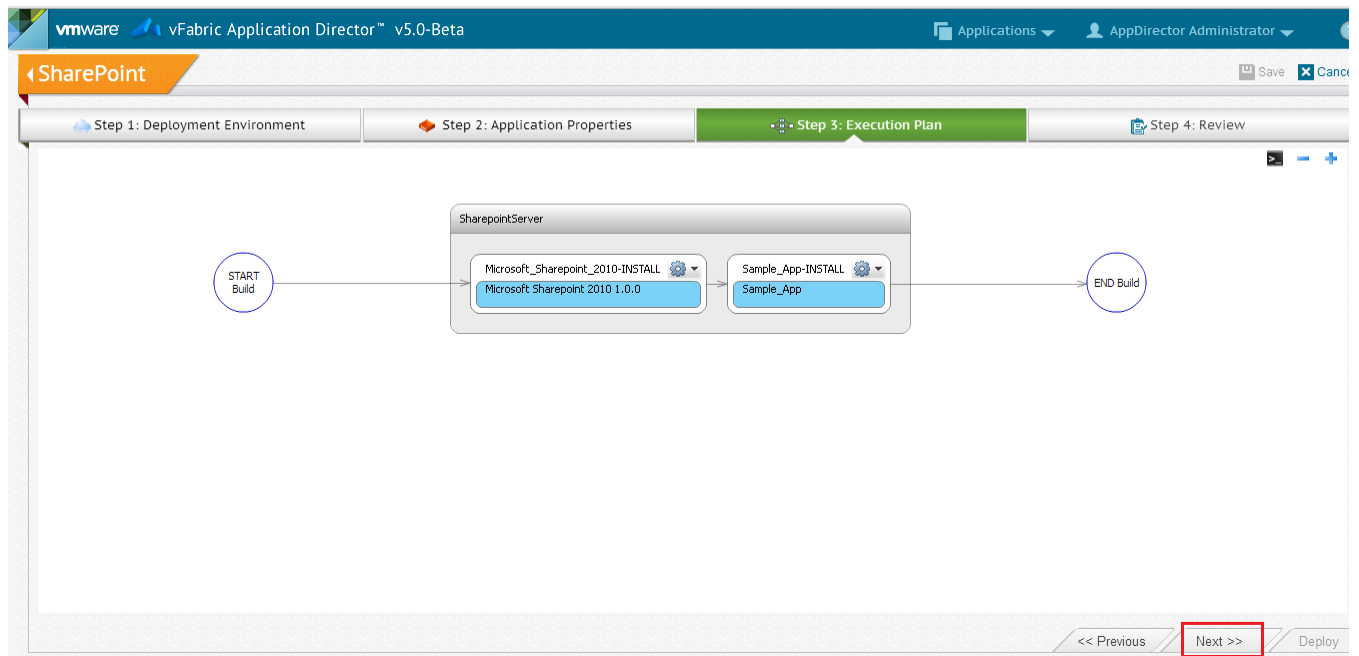
SharepointServer

Property Name	Type	Description	Required	Blueprint Value	New Value
Memory(MB)	String	Virtual Memory...	✓	2048	Use Blueprint Value
vCPU	String	vCPU size	✓	1	Use Blueprint Value
Hostname	String	Hostname or c...			Use Blueprint Value

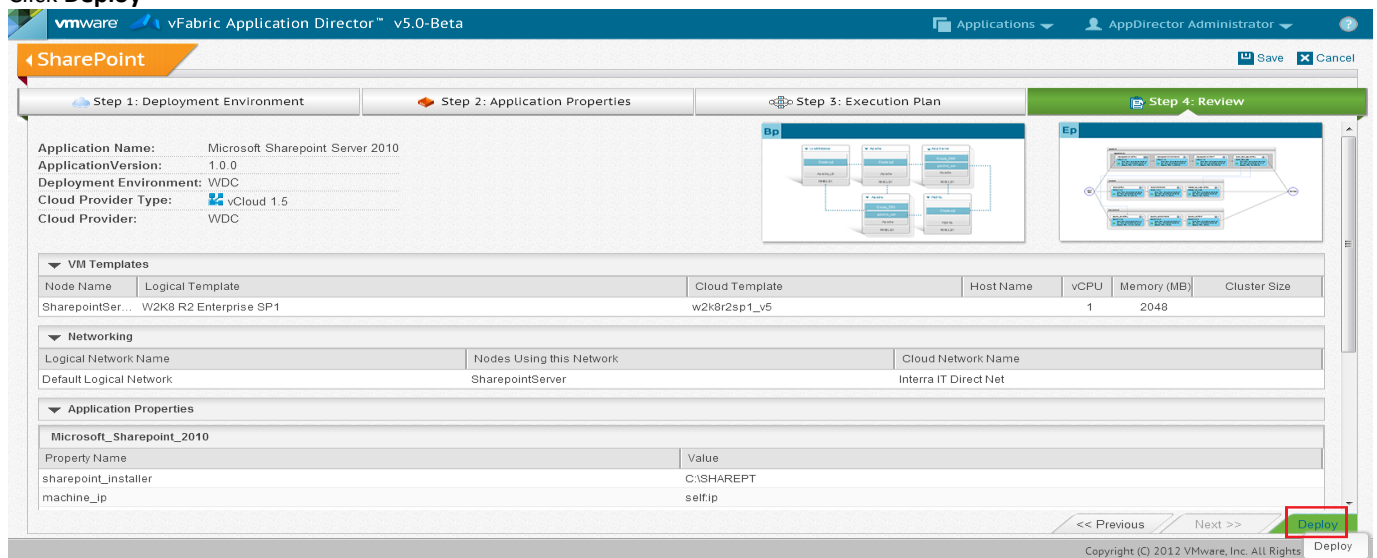
<< Previous Next >> Deploy

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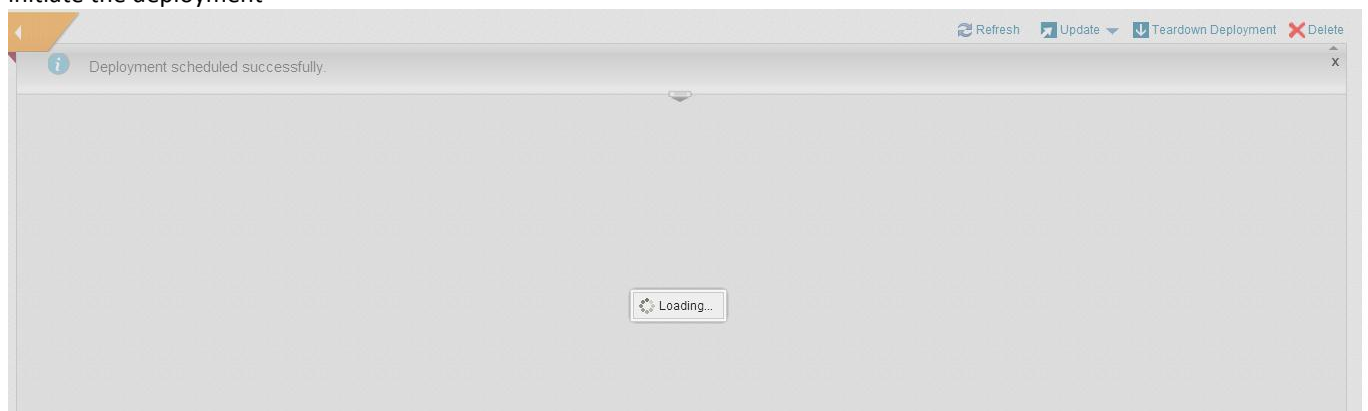
12. Click Next to deploy the application



### 13. Click **Deploy**



### 14. Wait for deployment details screen to come up. This will take a minute or so. At this time, the system is preparing to initiate the deployment



vmware vFabric Application Director™ v5.0-Beta

Deployments AppDirector Administrator

appd-Microsoft Sharepoint Server... Deployment In Progress

Refresh Update Teardown Deployment Delete

SharePoint 11/16/12 11:41 AM

**Task Details**

Task Summary

Name: appd-Microsoft Sharepoint Server 2010-1.0.0-admin-739-f74389e9-08c9-4147-86a7-ea35c581966b

Task Type: Deployment

Task Status: In Progress

Deployment Profile Name: SharePoint

Description:

Run ID: 1738

Started By: admin

**VM Details**

Node Name	Console	Logical Temp	Cloud Temp	Host Name	VC	Mem	Network Infor	IP Address	VI
SharepointS	vmware	W2K8 R2 E...	w2k8r2sp1...		1	2048	NIC0:Default L		

**Blueprint**

**Execution Plan**

Start Build → Microsoft\_Sharepoint\_2... → Sample\_App-INSTALL → End Build

## Verify Smoke test passed

1. Wait until the deployment status is reported as **Deployment Success**

vmware vFabric Application Director™ v5.0-Beta

Deployments AppDirector Administrator

appd-Microsoft Sharepoint Server... Deployment Success

Refresh Update Teardown Deployment Delete

SharePoint 11/07/12 2:59 PM

**Task Details**

Task Summary

Name: appd-Microsoft Sharepoint Server 2010-1.0.0-admin-733-b6ca93a6-74b0-4d95-a1ad-43d051bde6e3

Task Type: Deployment

Task Status: Success

Deployment Profile Name: SharePoint

Description:

Run ID: 1732

Started By: admin

**VM Details**

Node Name	Console	Logical Temp	Cloud Temp	Host Name	VC	Mem	Network Infor	IP Address	VI
SharepointS	vmware	W2K8 R2 E...	w2k8r2sp1...	Sharep-RX...	1	2048	NIC0:Default L	10.140.17.1...	

**Blueprint**

**Execution Plan**

SharepointServer

## Launching the Application

1. Click on the **VM Details** Page to get the IP of the machine. We will need this IP to launch the application

vmware vFabric Application Director™ v5.0-Beta

Deployments AppDirector Administrator

appd-Microsoft Sharepoint Server... Deployment Success

Refresh Update Teardown Deployment Delete

Node Name	Console	Logical Template	Cloud Template	Host Name	vC	Mem	Network Information	IP Address
SharepointServer	vmware	W2K8 R2 Enterprise SP1	w2k8r2sp1_v5	Sharep-BVH83WSE	1	2048	NIC0:Default Logical NetworkInter	10.140.17.107

Task Details Blueprint Execution Plan

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- Open any browser. Enter Machine\_ip:7001/default.aspx into the address field of the browser. If any prompt appear seeking for the credential. Enter right credential

Home - Central Administration

10.140.17.107:7001/default.aspx

Site Actions Browse Page darwin

SharePoint 2010 Central Administration

The SharePoint Health Analyzer has detected some critical issues that require your attention. [View these issues.](#)

**Central Administration**

- Application Management
  - Manage web applications
  - Create site collections
  - Manage service applications
  - Manage content databases
- Monitoring
  - Review problems and solutions
  - Check job status
  - View Web Analytics reports
- Security
  - Manage the farm administrators group
  - Configure service accounts
- General Application Settings
  - Configure send to connections
  - Configure content deployment paths and jobs
  - Manage form templates
- System Settings
  - Manage servers in this farm
  - Manage farm features
  - Configure alternate access mappings
- Backup and Restore
  - Perform a site collection backup
- Upgrade and Migration
  - Convert farm license type
  - Check product and patch installation status
  - Check upgrade status
- Configuration Wizards

**Resources**

There are currently no favorite links to display. To add a new link, click "Add new link".

+ Add new link

- Click on the Application Management

Home - Central Administration x  
10.140.17.107:7001/default.aspx

Site Actions Browse Page darwin

SharePoint 2010 Central Administration

The SharePoint Health Analyzer has detected some critical issues that require your attention. [View these issues.](#)

**Central Administration**  
Application Management  
System Settings  
Monitoring  
Backup and Restore  
Security  
Upgrade and Migration  
General Application Settings  
Configuration Wizards

**Application Management**  
Manage web applications  
Create site collections  
Manage service applications  
Manage content databases

**Monitoring**  
Review problems and solutions  
Check job status  
View Web Analytics reports

**Security**  
Manage the farm administrators group  
Configure service accounts

**General Application Settings**  
Configure send to connections  
Configure content deployment paths and jobs  
Manage form templates

**System Settings**  
Manage servers in this farm  
Manage farm features  
Configure alternate access mappings

**Backup and Restore**  
Perform a site collection backup

**Upgrade and Migration**  
Convert farm license type  
Check product and patch installation status  
Check upgrade status

**Configuration Wizards**

**Resources**  
There are currently no favorite links to display. To add a new link, click "Add new link".  
[Add new link](#)

Application Management x  
10.140.17.107:7001/applications.aspx

Site Actions Browse Page darwin

SharePoint 2010 Central Administration Application Management

**Central Administration**  
**Application Management**  
System Settings  
Monitoring  
Backup and Restore  
Security  
Upgrade and Migration  
General Application Settings  
Configuration Wizards

**Web Applications**  
Manage web applications | Configure alternate access mappings

**Site Collections**  
Create site collections | Delete a site collection | Confirm site use and deletion | Specify quota templates | Configure quotas and locks | Change site collection administrators | View all site collections | Configure self-service site creation

**Service Applications**  
Manage service applications | Configure service application associations

**Databases**  
Manage content databases | Specify the default database server | Configure the data retrieval service

#### 4. Now click on Manage Web Applications

Application Management x  
10.140.17.107:7001/applications.aspx

Site Actions Browse Page darwin

SharePoint 2010 Central Administration Application Management

**Central Administration**  
**Application Management**  
System Settings  
Monitoring  
Backup and Restore  
Security  
Upgrade and Migration  
General Application Settings  
Configuration Wizards

**Web Applications**  
Manage web applications | Configure alternate access mappings

**Site Collections**  
Create site collections | Delete a site collection | Confirm site use and deletion | Specify quota templates | Configure quotas and locks | Change site collection administrators | View all site collections | Configure self-service site creation

**Service Applications**  
Manage service applications | Configure service application associations

**Databases**  
Manage content databases | Specify the default database server | Configure the data retrieval service

5. This will open the page containing list of applications

The screenshot shows the VMware Web Applications Manager interface. The browser address bar displays the URL `10.140.17.107:7001/_admin/WebApplicationList.aspx`. The interface includes a top navigation bar with tabs for 'Site Actions', 'Browse', and 'Web Applications'. Below this is a toolbar with various icons for actions like 'New', 'Extend', 'Delete', 'General Settings', 'Service Connections', 'Authentication Providers', 'Self-Service Site Creation', 'User Permissions', 'Web Part Security', 'User Policy', 'Anonymous Policy', and 'Permission Policy'. A left sidebar contains a menu with options: 'Central Administration', 'Application Management', 'System Settings', 'Monitoring', 'Backup and Restore', 'Security', 'Upgrade and Migration', 'General Application Settings', and 'Configuration Wizards'. The main content area displays a table with the following data:

Name	URL	Port
SharePoint - 80	<code>http://sharep-bvh83wse/</code>	80
SharePoint Central Administration v4	<code>http://sharep-bvh83wse:7001/</code>	7001